

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041483.D
 Acq On : 1 Aug 2024 18:26
 Operator : SY/MD
 Sample : P3445-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT

Quant Time: Aug 02 04:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	888794	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2361592	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2229211	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1751218	10.208	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.678	85	23194	0.152	ppbv 97
3) Chlorodifluoromethane	2.678	51	1685241	15.928	ppbv 96
4) Chloromethane	2.816	50	47187	0.838	ppbv 92
9) Propene	2.877	41	1749019	35.984	ppbv 97
10) Heptane	7.584	43	90091	0.825	ppbv 92
11) Trichlorofluoromethane	3.568	101	33352	0.246	ppbv 99
12) 1,1,2-Trichlorotrifluo...	4.066	101	5736	0.059	ppbv # 82
13) Ethanol	3.247	45	5142541	1183.763	ppbv 95
15) Acetone	3.465	43	5454976	54.017	ppbv 100
16) 1,3-Butadiene	2.970	39	21388	0.396	ppbv # 34
17) tert-Butyl alcohol	3.584	59	199134	2.162	ppbv 99
19) Isopropyl Alcohol	3.584	45	5120793	86.736	ppbv # 99
20) Methylene Chloride	3.935	84	228724	6.074	ppbv 97
21) Allyl Chloride	3.890	41	14748	0.223	ppbv # 21
23) Vinyl Acetate	4.613	43	102689	1.331	ppbv # 1
25) Ethyl Acetate	5.208	43	446133	2.224	ppbv 98
26) Hexane	5.214	57	156078	1.875	ppbv # 76
27) Carbon Disulfide	4.128	76	9544	0.098	ppbv # 39
29) Chloroform	5.275	83	115126	0.848	ppbv 99
30) Cyclohexane	6.607	84	9299	0.137	ppbv # 49
31) cis-1,2-Dichloroethene	5.205	61	39581	0.481	ppbv # 26
34) 2-Butanone	4.787	43	192429	1.684	ppbv 99
35) Carbon Tetrachloride	6.494	117	5908	0.045	ppbv 98
36) Benzene	6.372	78	54508	0.316	ppbv 96
37) 1,2-Dichloroethane	5.812	62	4671	0.048	ppbv # 26
38) Trichloroethene	7.298	130	3977	0.050	ppbv # 58
39) 1,2-Dichloropropane	6.658	63	586933	8.884	ppbv # 25
41) Tetrahydrofuran	5.542	42	9680	0.148	ppbv # 37
44) 2,2,4-Trimethylpentane	7.330	57	373723	1.297	ppbv 89
50) 4-Methyl-2-Pentanone	8.189	43	8536	0.047	ppbv # 59
52) Tetrachloroethene	10.619	164	9837	0.148	ppbv # 81
53) Toluene	9.221	91	932632	4.852	ppbv 100
58) Ethyl Benzene	12.095	91	73624	0.287	ppbv 91
59) m/p-Xylene	12.356	91	8346	0.038	ppbv # 31
60) o-Xylene	13.060	91	50390	0.240	ppbv 89
61) Styrene	12.899	104	17521	0.185	ppbv # 30
64) n-propylbenzene	15.185	120	3480	0.042	ppbv 71
65) tert-Butylbenzene	16.105	119	9442	0.033	ppbv # 1
66) Benzyl Chloride	16.333	91	795	0.043	ppbv # 66
69) p-Isopropyltoluene	17.002	119	205782	0.625	ppbv 96
72) 4-Ethyltoluene	15.191	105	26815	0.109	ppbv # 52
73) 1,3,5-Trimethylbenzene	15.352	105	30375	0.143	ppbv 97
74) 1,2,4-Trimethylbenzene	16.114	105	56241	0.227	ppbv # 70

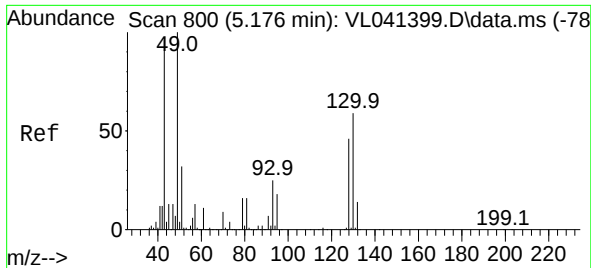
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
Data File : VL041483.D
Acq On : 1 Aug 2024 18:26
Operator : SY/MD
Sample : P3445-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BASEMENT

Quant Time: Aug 02 04:13:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,4-Dichlorobenzene	16.478	146	16170	0.107	ppbv #	1

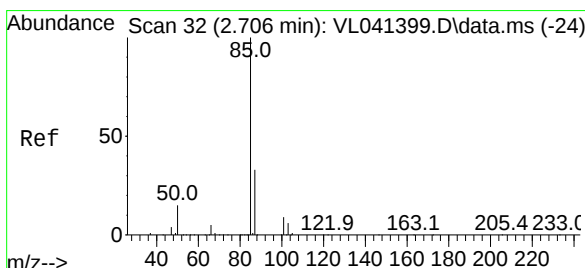
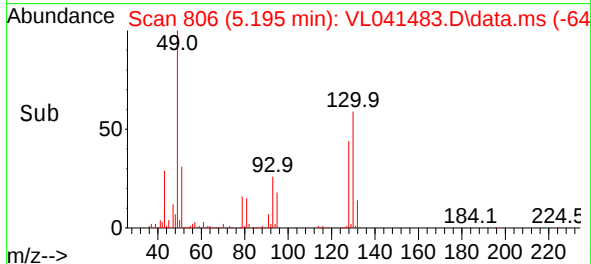
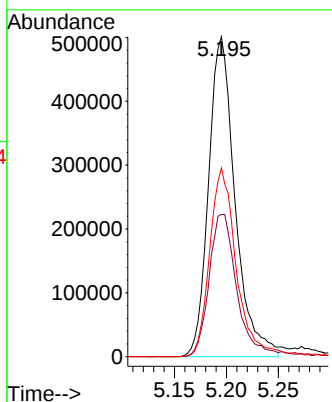
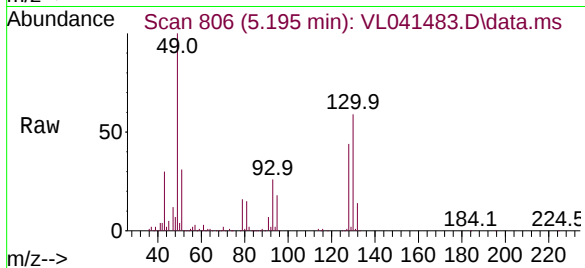
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

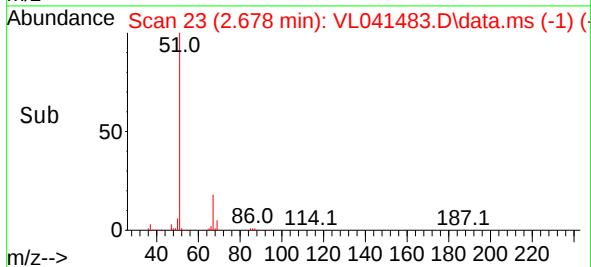
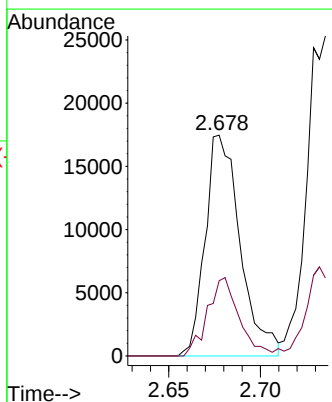
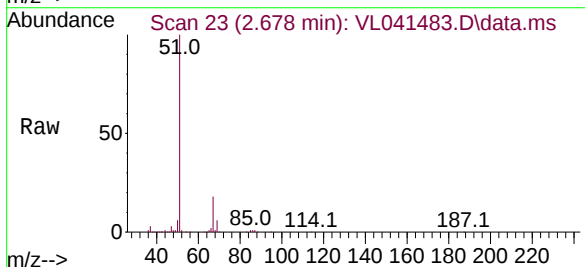
Instrument :
MSVOA_L
ClientSampleId :
BASEMENT

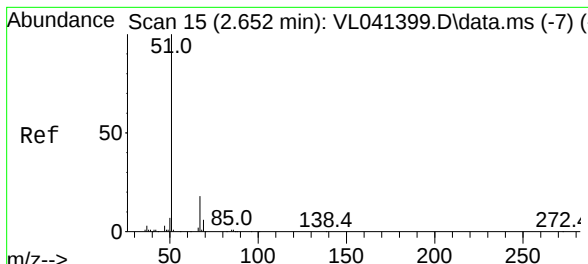
Tgt Ion: 49 Resp: 888794
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.4
130 60.6 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.152 ppbv
RT: 2.678 min Scan# 23
Delta R.T. -0.051 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

Tgt Ion: 85 Resp: 23194
Ion Ratio Lower Upper
85 100
87 34.0 26.0 39.0

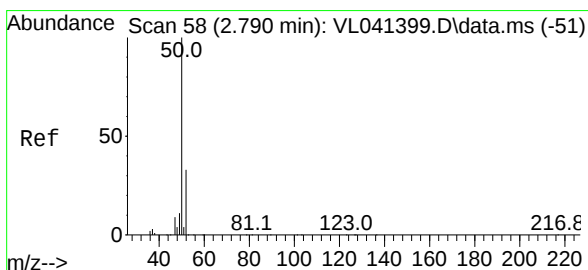
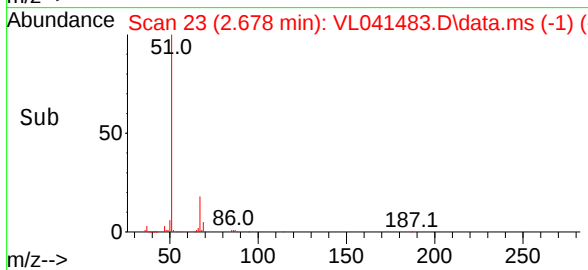
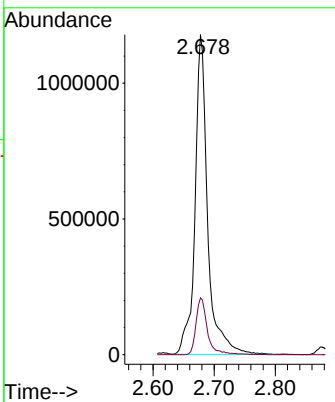
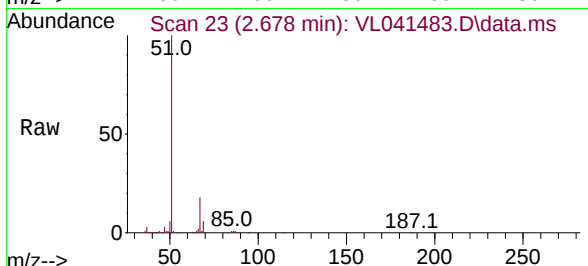




#3
 Chlorodifluoromethane
 Concen: 15.928 ppbv
 RT: 2.678 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VL041483.D
 Acq: 1 Aug 2024 18:26

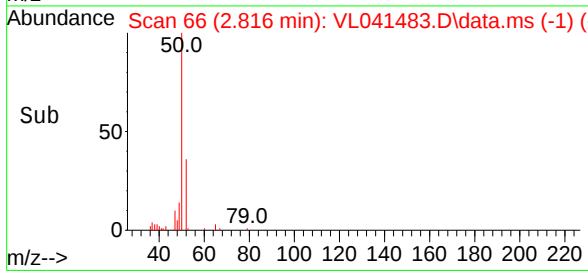
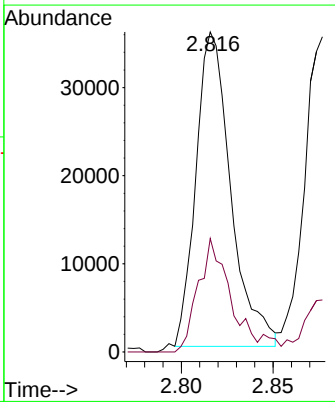
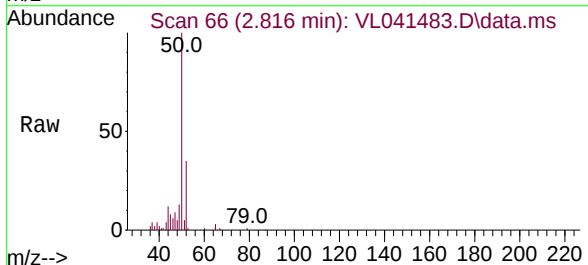
Instrument :
 MSVOA_1
 ClientSampleId :
 BASEMENT

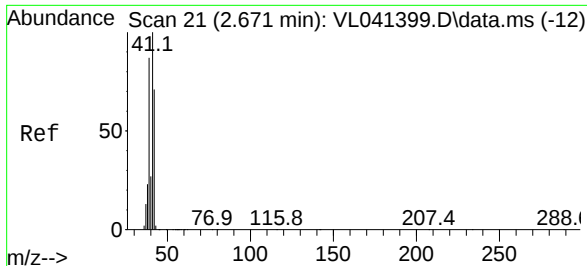
Tgt Ion: 51 Resp: 1685241
 Ion Ratio Lower Upper
 51 100
 67 16.2 14.5 21.7



#4
 Chloromethane
 Concen: 0.838 ppbv
 RT: 2.816 min Scan# 66
 Delta R.T. 0.003 min
 Lab File: VL041483.D
 Acq: 1 Aug 2024 18:26

Tgt Ion: 50 Resp: 47187
 Ion Ratio Lower Upper
 50 100
 52 37.1 26.1 39.1





#9

Propene

Concen: 35.984 ppbv

RT: 2.877 min Scan# 80

Delta R.T. 0.183 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

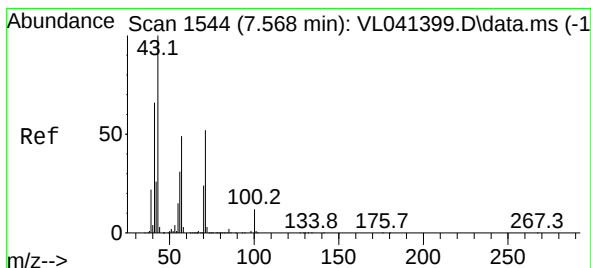
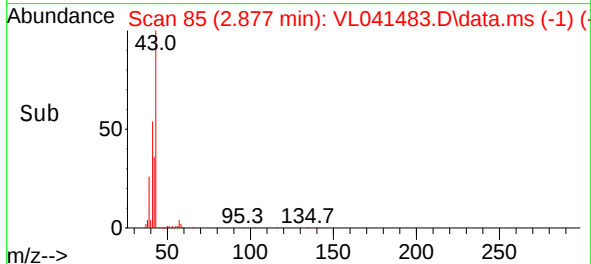
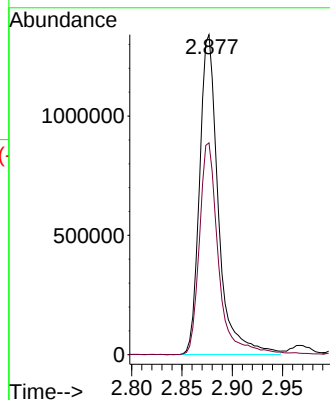
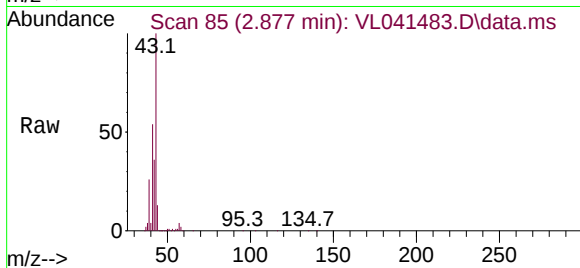
BASEMENT

Tgt Ion: 41 Resp: 1749019

Ion Ratio Lower Upper

41 100

42 67.2 55.9 83.9



#10

Heptane

Concen: 0.825 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.006 min

Lab File: VL041483.D

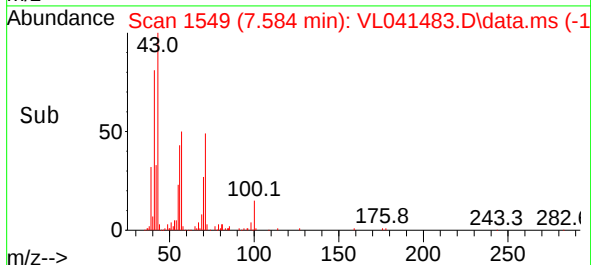
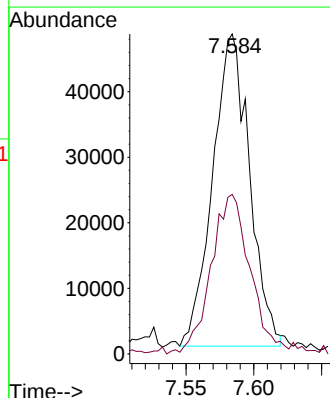
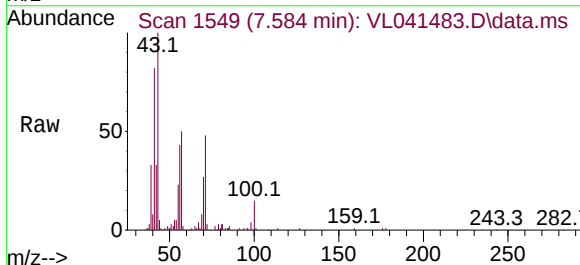
Acq: 1 Aug 2024 18:26

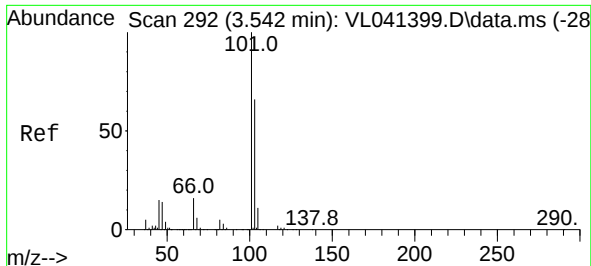
Tgt Ion: 43 Resp: 90091

Ion Ratio Lower Upper

43 100

57 55.9 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.246 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

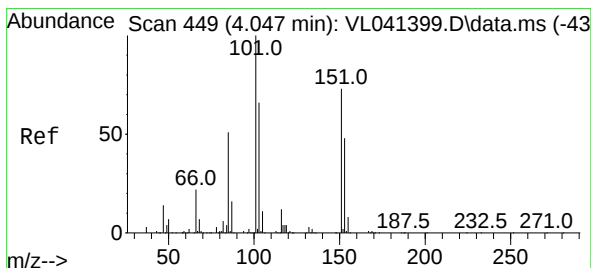
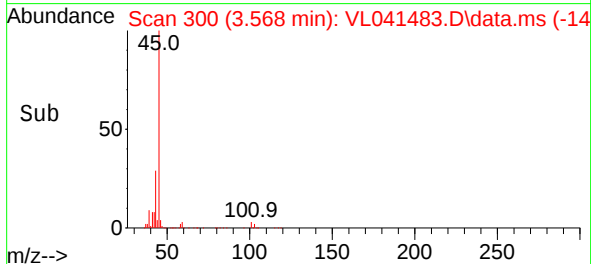
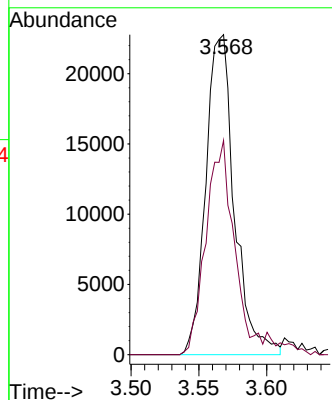
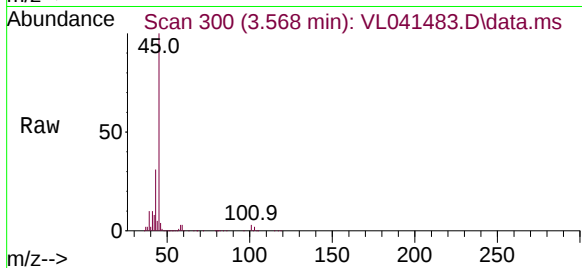
BASEMENT

Tgt Ion:101 Resp: 33352

Ion Ratio Lower Upper

101 100

103 66.9 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.059 ppbv

RT: 4.066 min Scan# 455

Delta R.T. 0.003 min

Lab File: VL041483.D

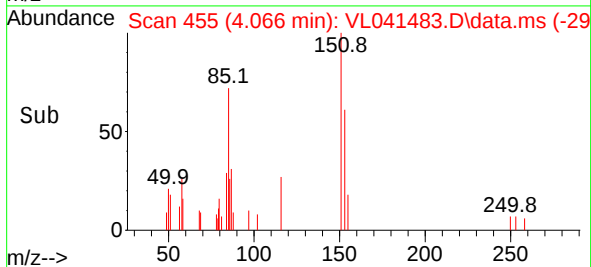
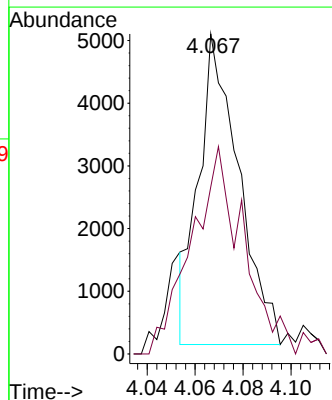
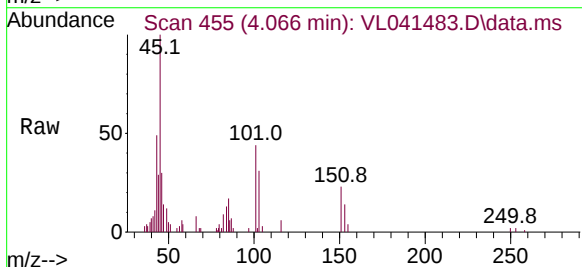
Acq: 1 Aug 2024 18:26

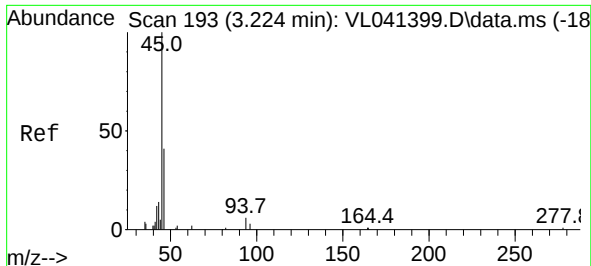
Tgt Ion:101 Resp: 5736

Ion Ratio Lower Upper

101 100

151 89.7 59.4 89.2#





#13

Ethanol

Concen: 1183.763 ppbv

RT: 3.247 min Scan# 20

Delta R.T. 0.000 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

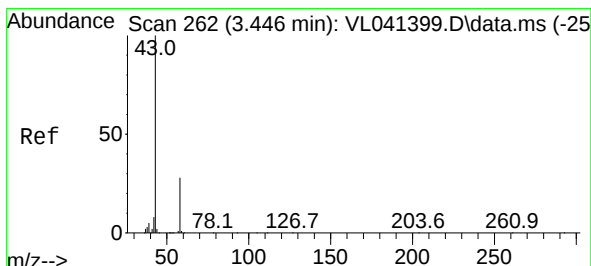
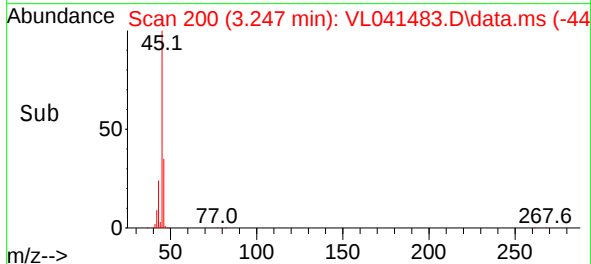
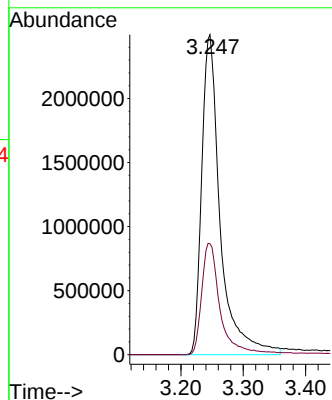
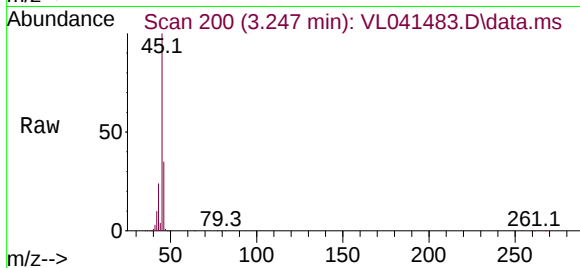
BASEMENT

Tgt Ion: 45 Resp: 5142541

Ion Ratio Lower Upper

45 100

46 36.5 13.4 53.4



#15

Acetone

Concen: 54.017 ppbv

RT: 3.465 min Scan# 268

Delta R.T. 0.000 min

Lab File: VL041483.D

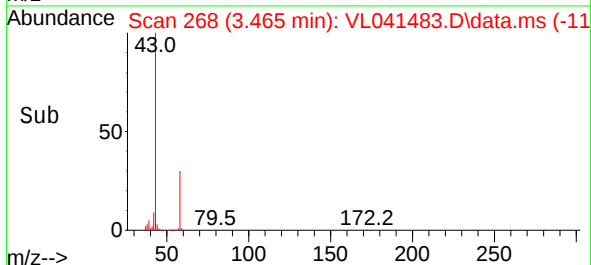
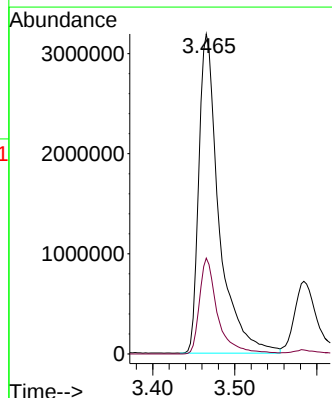
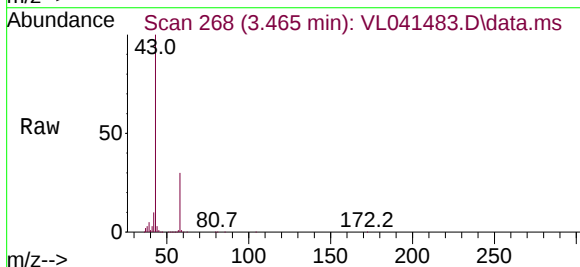
Acq: 1 Aug 2024 18:26

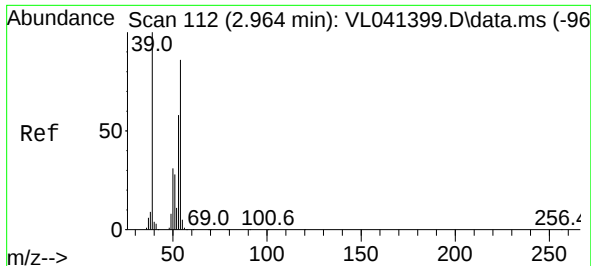
Tgt Ion: 43 Resp: 5454976

Ion Ratio Lower Upper

43 100

58 27.0 21.4 32.2





#16

1,3-Butadiene

Concen: 0.396 ppbv

RT: 2.970 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

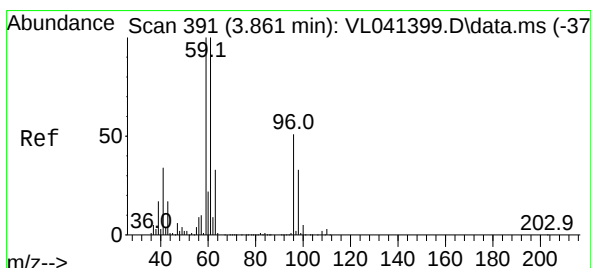
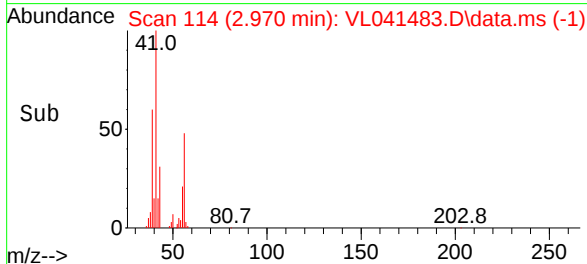
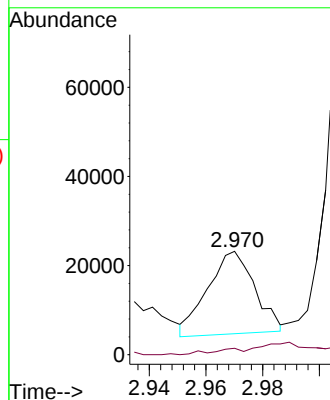
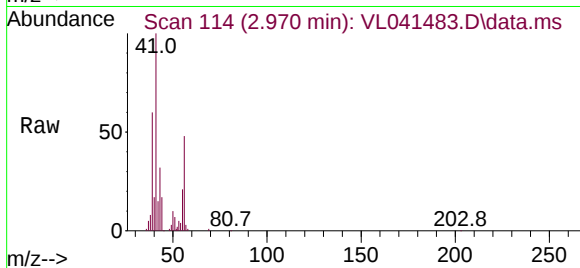
BASEMENT

Tgt Ion: 39 Resp: 21388

Ion Ratio Lower Upper

39 100

54 20.6 62.5 93.7#



#17

tert-Butyl alcohol

Concen: 2.162 ppbv

RT: 3.584 min Scan# 305

Delta R.T. -0.289 min

Lab File: VL041483.D

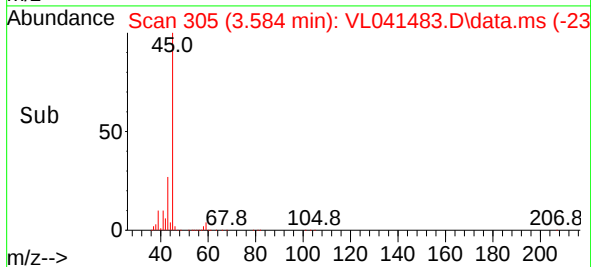
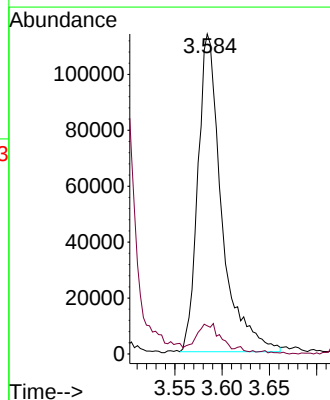
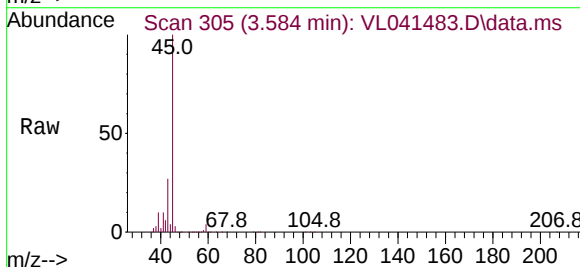
Acq: 1 Aug 2024 18:26

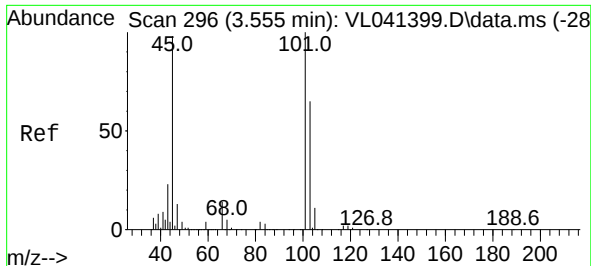
Tgt Ion: 59 Resp: 199134

Ion Ratio Lower Upper

59 100

57 11.0 8.6 12.8





#19

Isopropyl Alcohol

Concen: 86.736 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.010 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

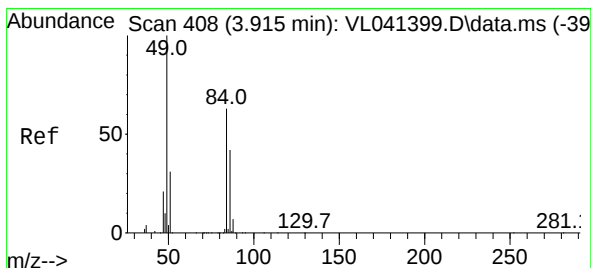
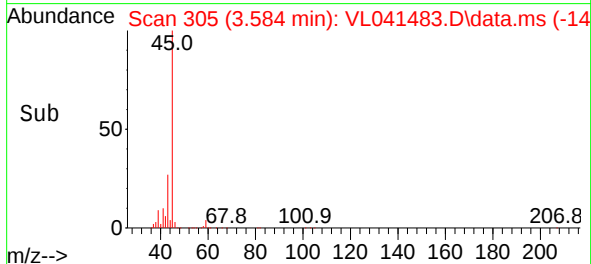
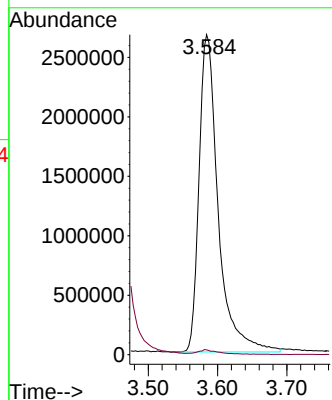
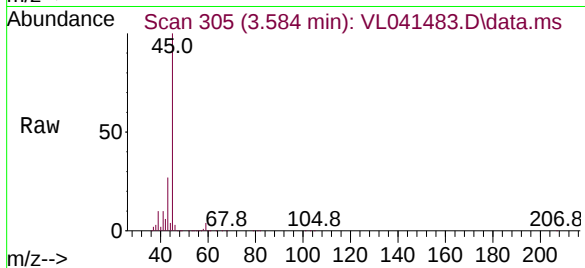
BASEMENT

Tgt Ion: 45 Resp: 5120793

Ion Ratio Lower Upper

45 100

58 1.9 1.9 2.9#



#20

Methylene Chloride

Concen: 6.074 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Tgt Ion: 84 Resp: 228724

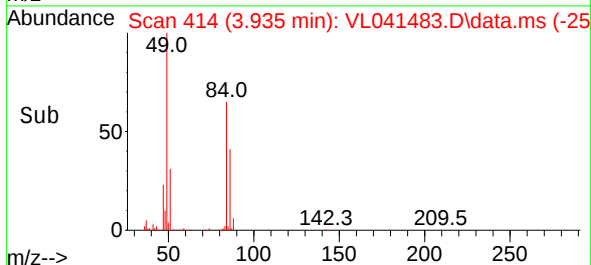
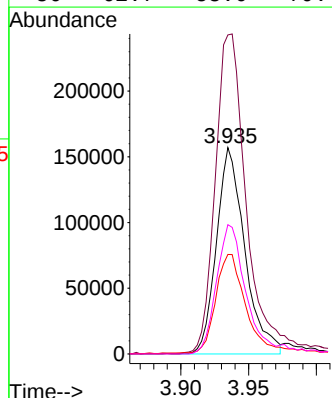
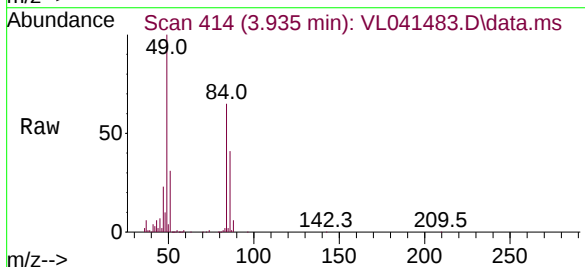
Ion Ratio Lower Upper

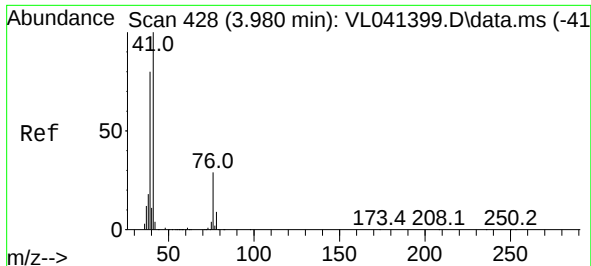
84 100

49 154.4 126.6 190.0

51 47.6 38.6 58.0

86 62.7 53.0 79.4





#21

Allyl Chloride

Concen: 0.223 ppbv

RT: 3.890 min Scan# 41

Delta R.T. -0.106 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

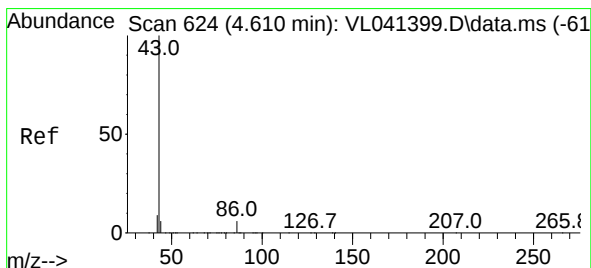
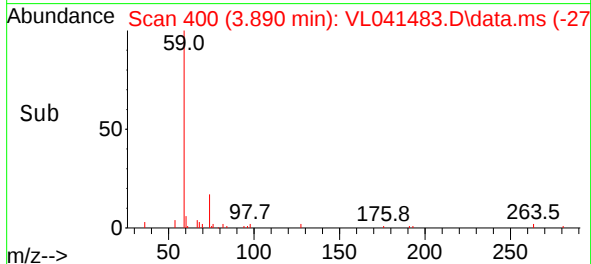
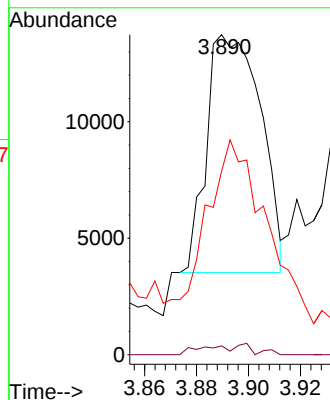
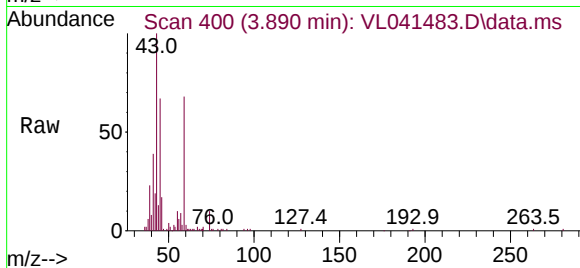
Tgt Ion: 41 Resp: 14748

Ion Ratio Lower Upper

41 100

76 3.9 23.7 35.5#

39 0.0 64.3 96.5#



#23

Vinyl Acetate

Concen: 1.331 ppbv

RT: 4.613 min Scan# 625

Delta R.T. -0.013 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Tgt Ion: 43 Resp: 102689

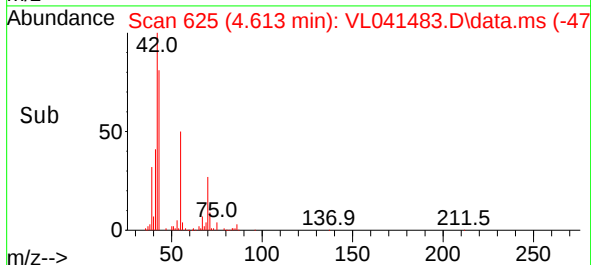
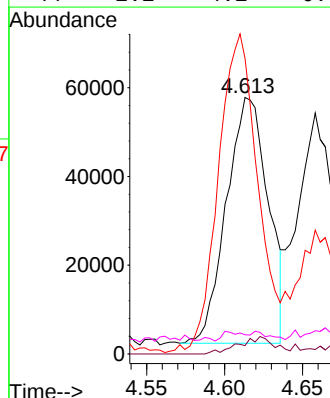
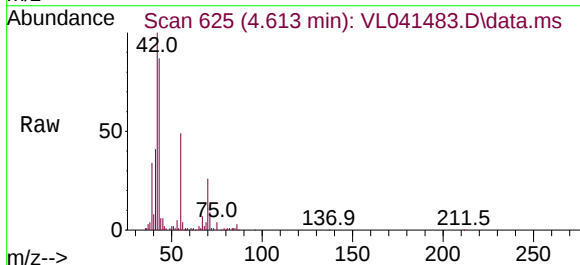
Ion Ratio Lower Upper

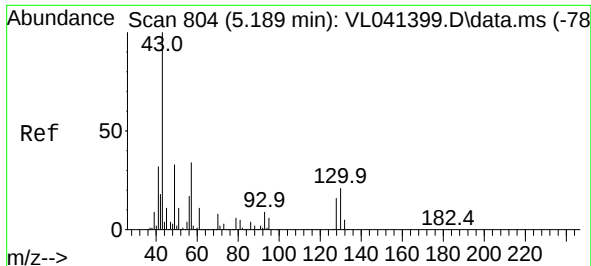
43 100

86 3.4 4.6 6.8#

42 116.4 7.9 11.9#

44 2.2 4.2 6.4#



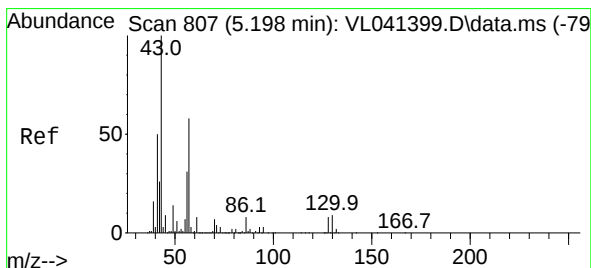
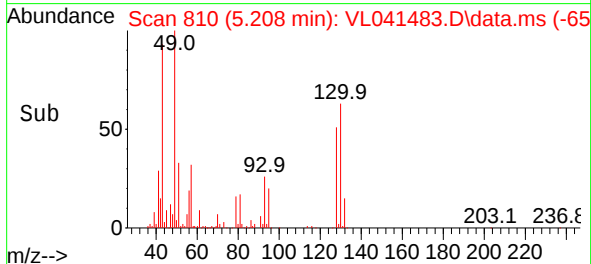
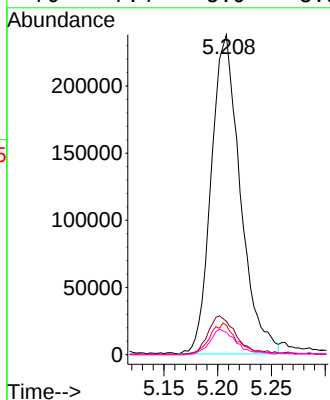
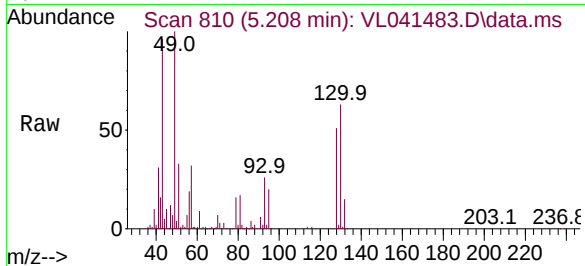


#25
Ethyl Acetate
Concen: 2.224 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

Instrument :
MSVOA_L
ClientSampleId :
BASEMENT

Tgt Ion: 43 Resp: 446133

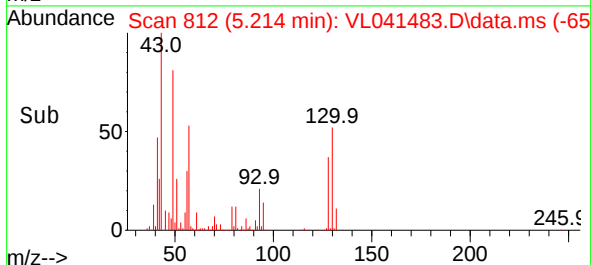
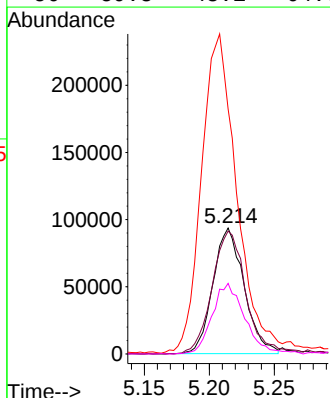
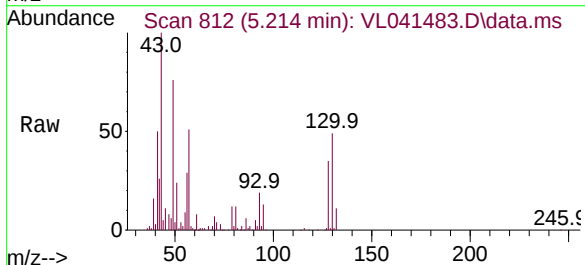
Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.5	12.7
61	9.8	8.0	12.0
70	7.4	5.9	8.9

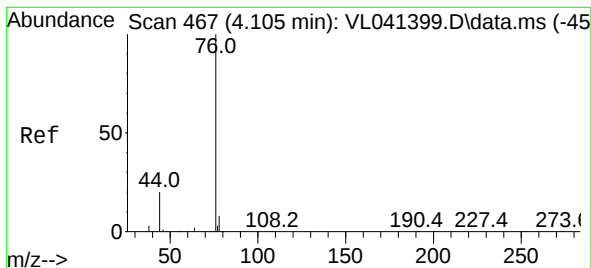


#26
Hexane
Concen: 1.875 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

Tgt Ion: 57 Resp: 156078

Ion	Ratio	Lower	Upper
57	100		
41	109.2	74.0	111.0
43	293.9	193.6	290.4#
56	59.3	43.1	64.7





#27

Carbon Disulfide

Concen: 0.098 ppbv

RT: 4.128 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

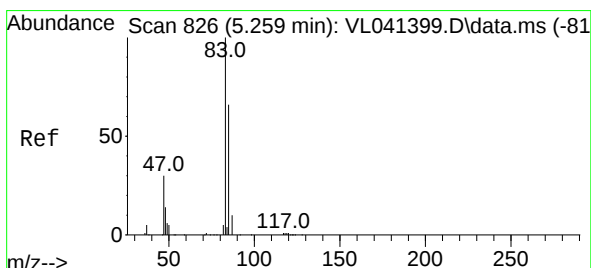
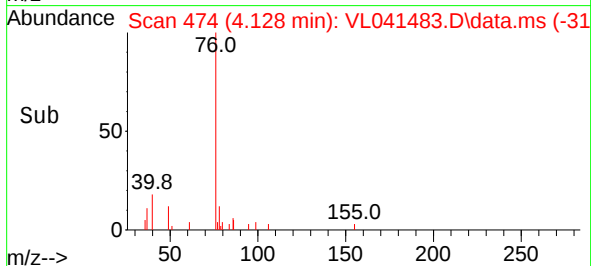
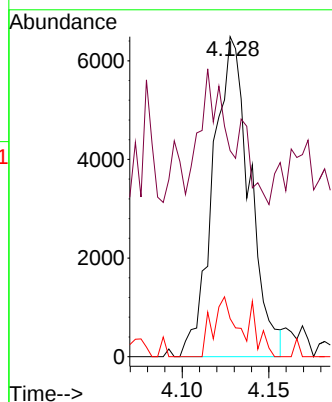
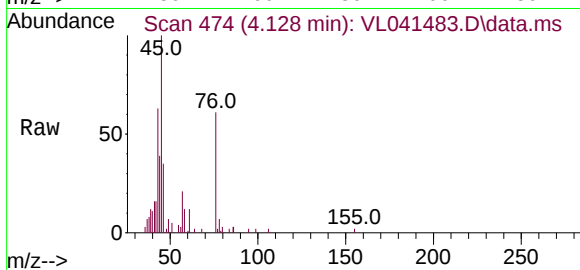
Tgt Ion: 76 Resp: 9544

Ion Ratio Lower Upper

76 100

44 56.6 15.6 23.4#

78 16.3 7.7 11.5#



#29

Chloroform

Concen: 0.848 ppbv

RT: 5.275 min Scan# 831

Delta R.T. 0.003 min

Lab File: VL041483.D

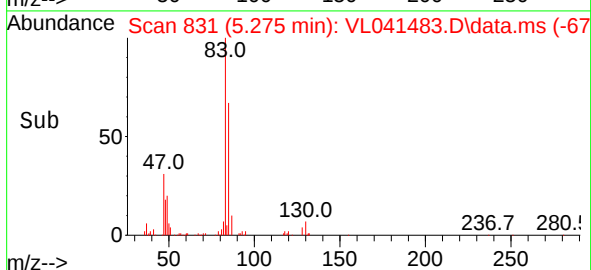
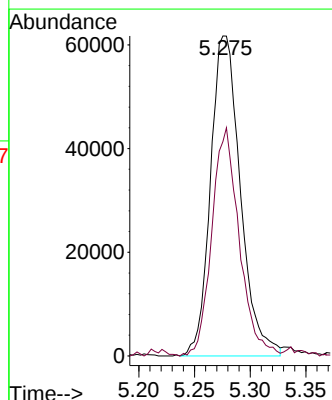
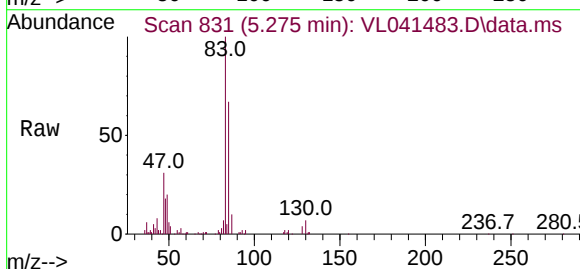
Acq: 1 Aug 2024 18:26

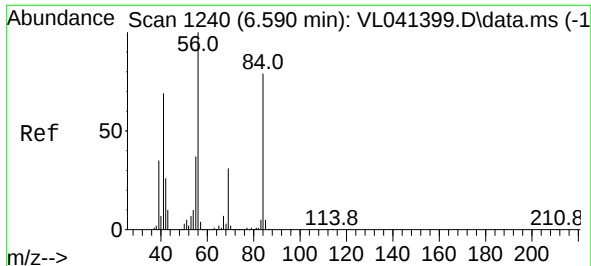
Tgt Ion: 83 Resp: 115126

Ion Ratio Lower Upper

83 100

85 67.0 53.1 79.7





#30

Cyclohexane

Concen: 0.137 ppbv

RT: 6.607 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

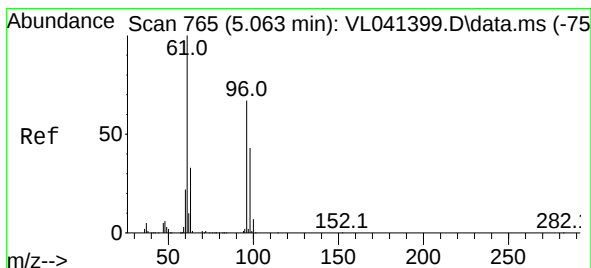
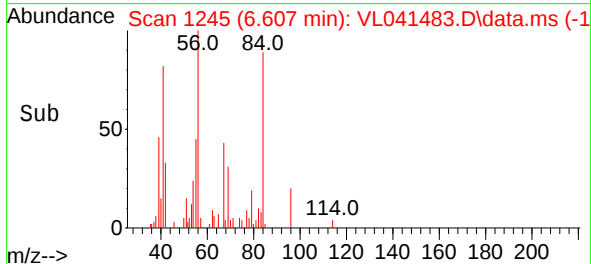
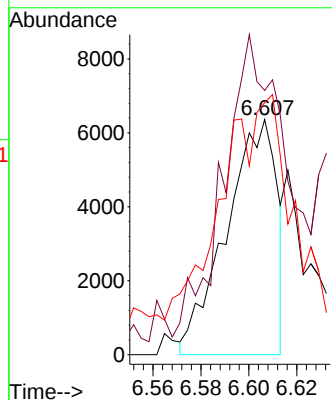
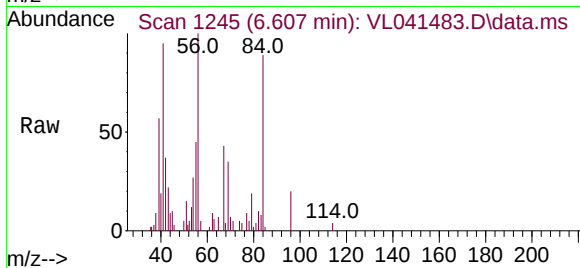
Tgt Ion: 84 Resp: 9299

Ion Ratio Lower Upper

84 100

56 167.1 111.2 166.8#

41 176.6 70.3 105.5#



#31

cis-1,2-Dichloroethene

Concen: 0.481 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.129 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

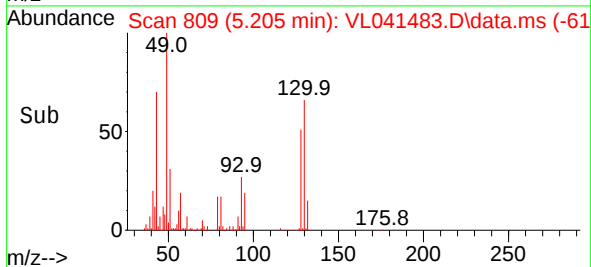
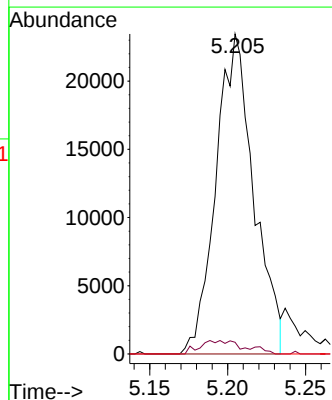
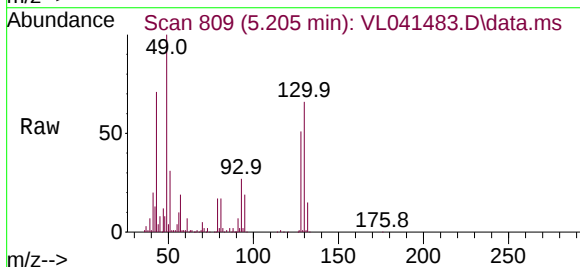
Tgt Ion: 61 Resp: 39581

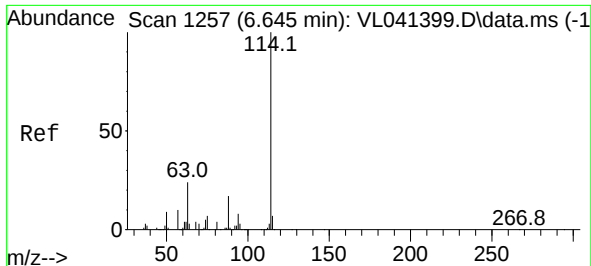
Ion Ratio Lower Upper

61 100

96 3.7 53.4 80.2#

98 0.0 34.4 51.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

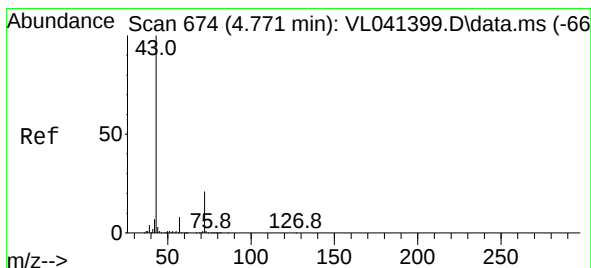
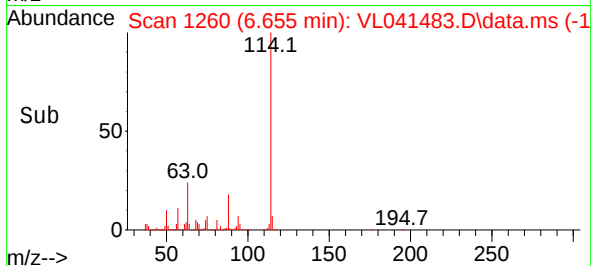
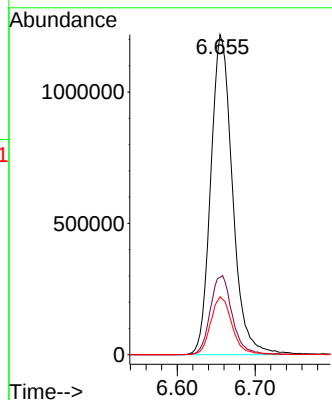
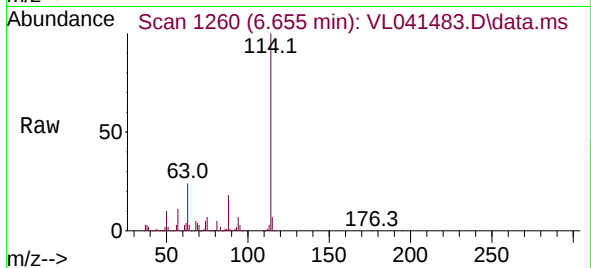
Tgt Ion:114 Resp: 2361592

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 1.684 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.003 min

Lab File: VL041483.D

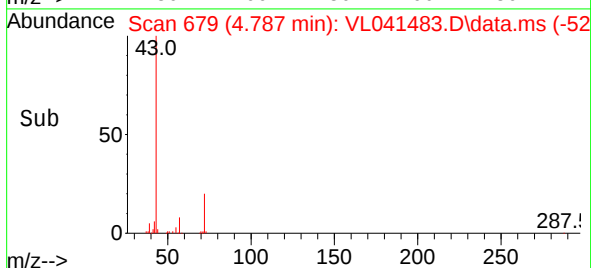
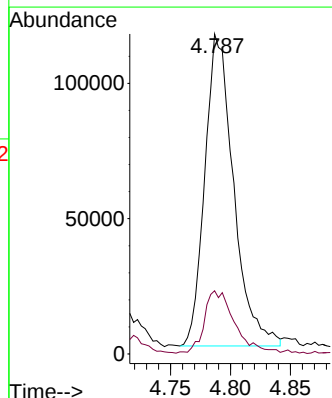
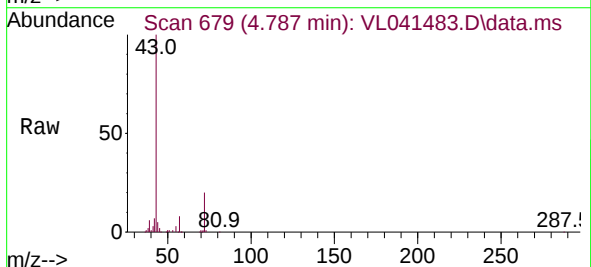
Acq: 1 Aug 2024 18:26

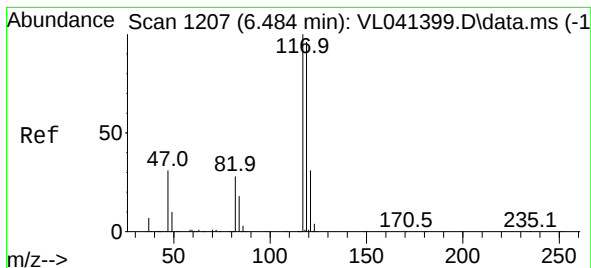
Tgt Ion: 43 Resp: 192429

Ion Ratio Lower Upper

43 100

72 22.0 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.045 ppbv

RT: 6.494 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_1

ClientSampleId :

BASEMENT

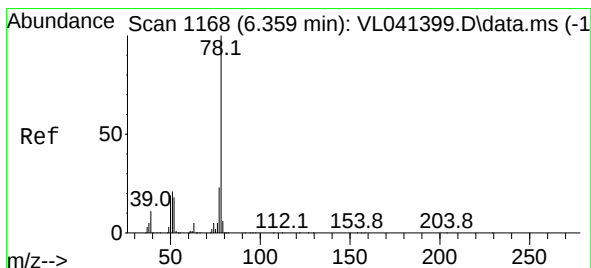
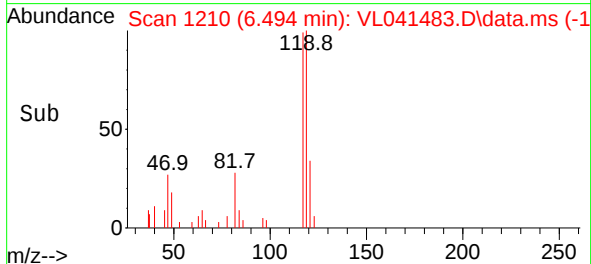
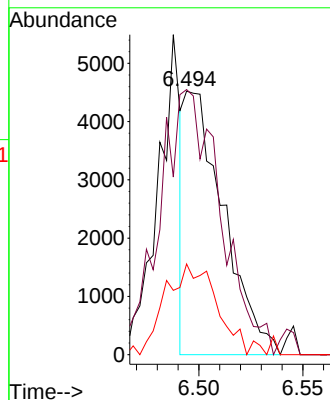
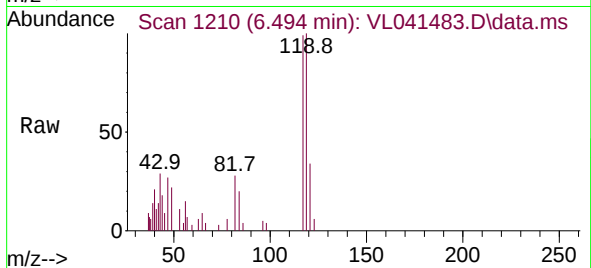
Tgt Ion:117 Resp: 5908

Ion Ratio Lower Upper

117 100

119 95.0 76.6 115.0

121 34.4 25.1 37.7



#36

Benzene

Concen: 0.316 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

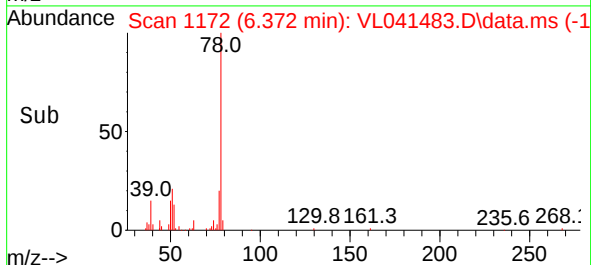
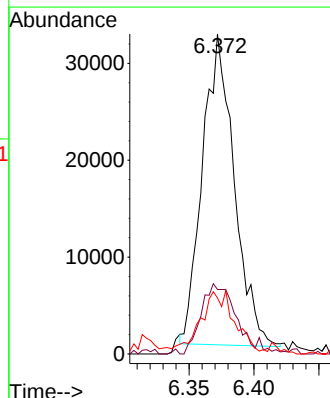
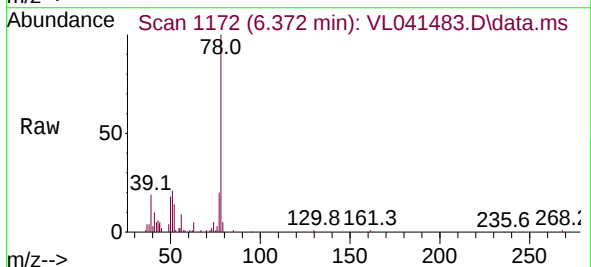
Tgt Ion: 78 Resp: 54508

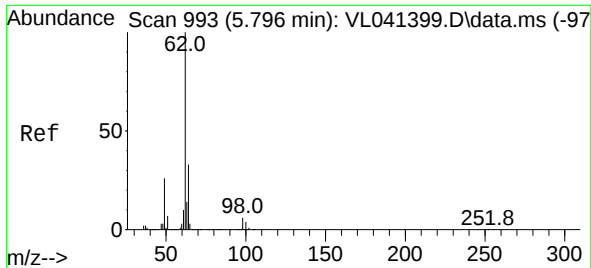
Ion Ratio Lower Upper

78 100

77 20.8 18.1 27.1

50 17.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.048 ppbv

RT: 5.812 min Scan# 993

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

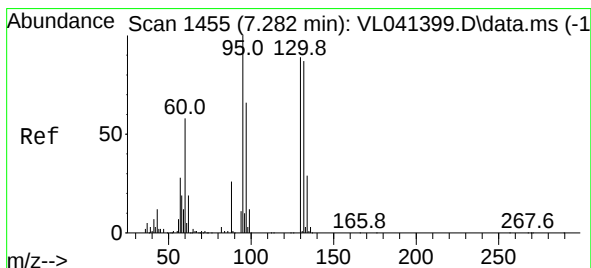
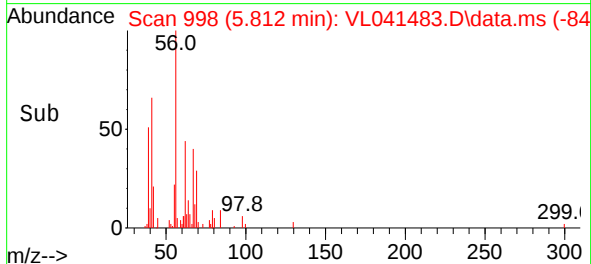
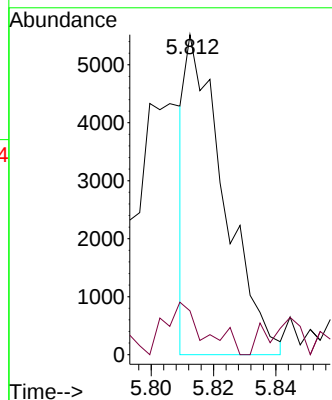
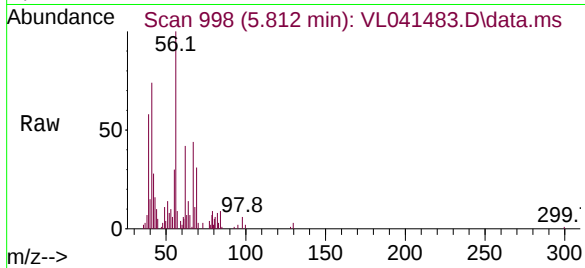
BASEMENT

Tgt Ion: 62 Resp: 4671

Ion Ratio Lower Upper

62 100

98 31.3 5.0 7.4#



#38

Trichloroethene

Concen: 0.050 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.010 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Tgt Ion:130 Resp: 3977

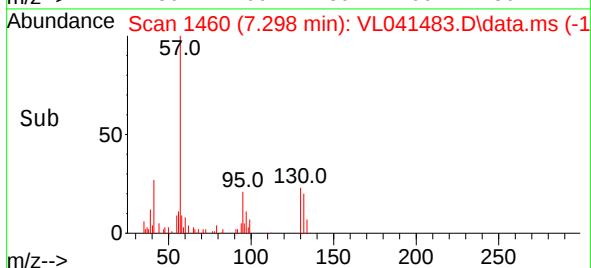
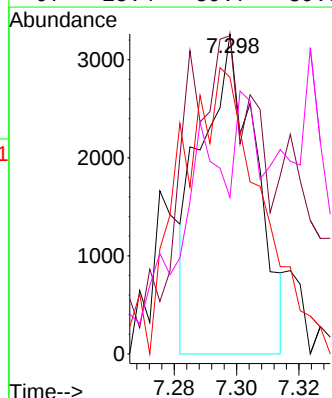
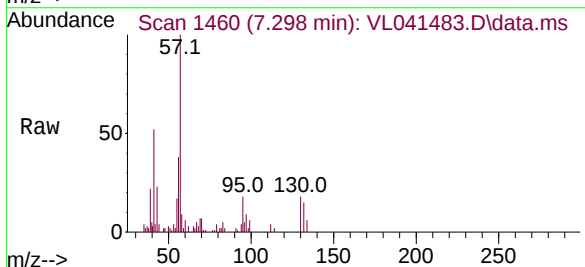
Ion Ratio Lower Upper

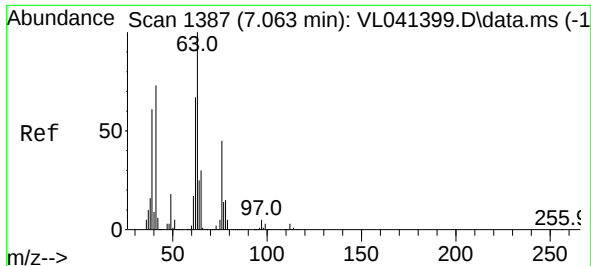
130 100

95 58.6 90.2 135.2#

132 79.2 78.1 117.1

97 25.4 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.884 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.412 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

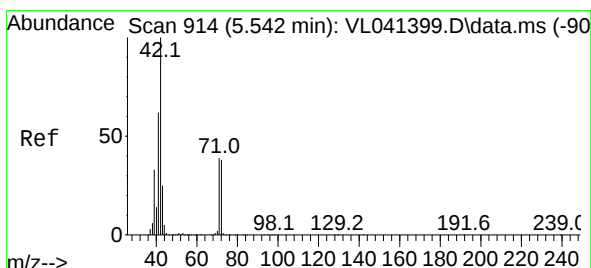
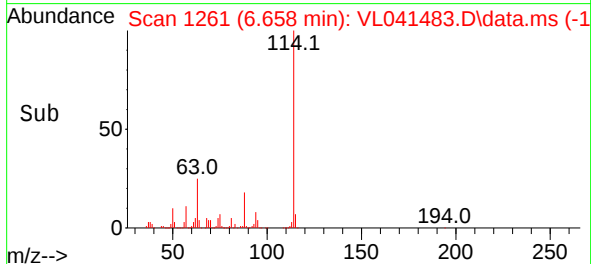
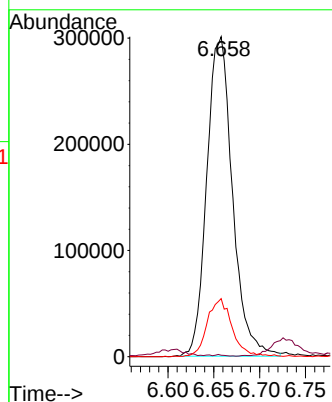
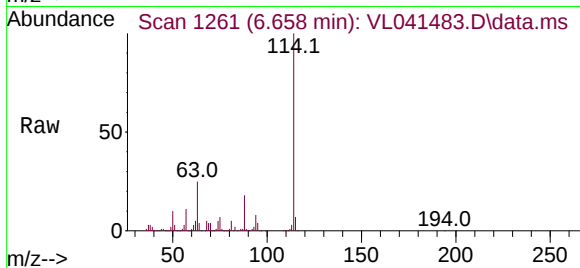
Tgt Ion: 63 Resp: 586933

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 18.1 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.148 ppbv

RT: 5.542 min Scan# 914

Delta R.T. -0.010 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

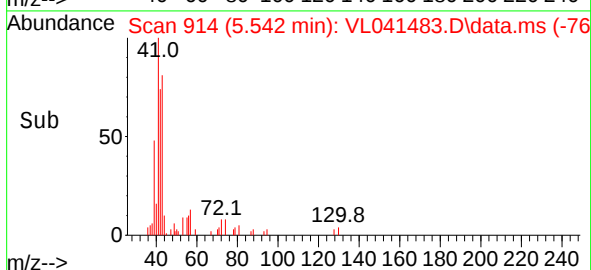
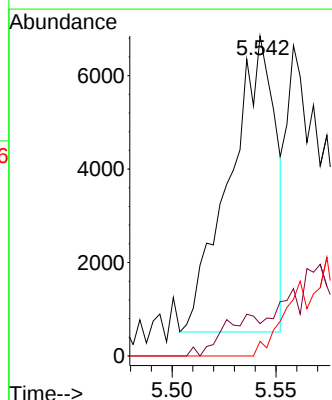
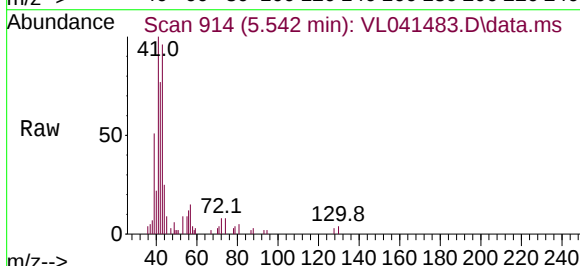
Tgt Ion: 42 Resp: 9680

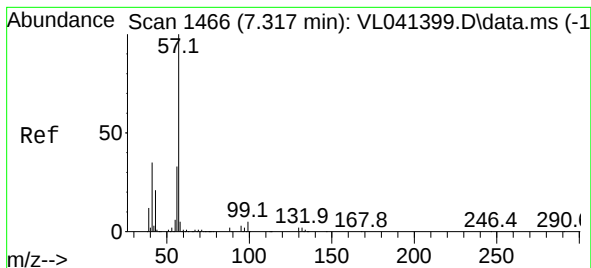
Ion Ratio Lower Upper

42 100

72 0.0 31.2 46.8#

71 0.0 30.5 45.7#





#44

2,2,4-Trimethylpentane

Concen: 1.297 ppbv

RT: 7.330 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

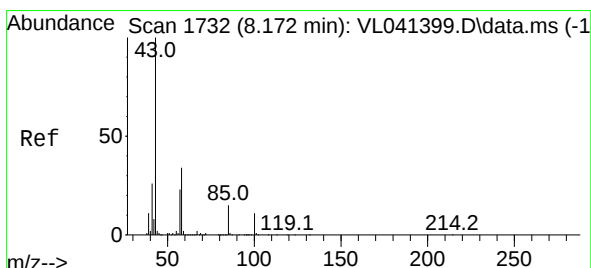
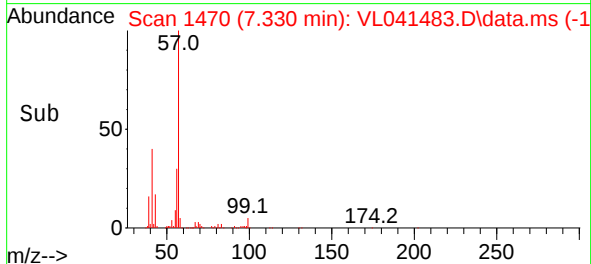
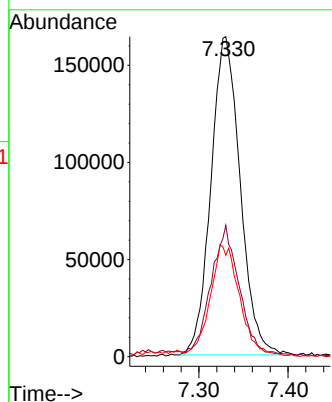
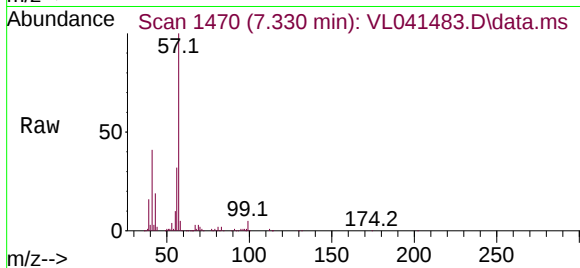
Tgt Ion: 57 Resp: 373723

Ion Ratio Lower Upper

57 100

41 40.2 27.0 40.6

56 37.0 25.2 37.8



#50

4-Methyl-2-Pentanone

Concen: 0.047 ppbv

RT: 8.189 min Scan# 1737

Delta R.T. 0.010 min

Lab File: VL041483.D

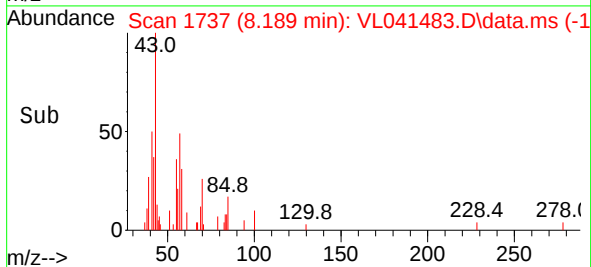
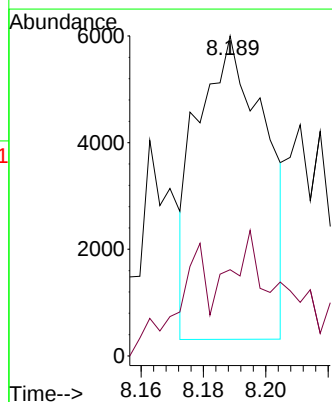
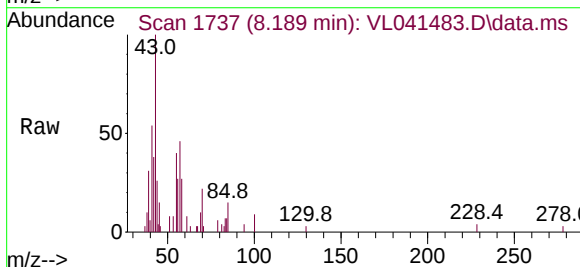
Acq: 1 Aug 2024 18:26

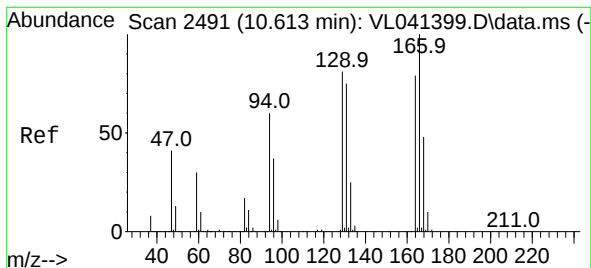
Tgt Ion: 43 Resp: 8536

Ion Ratio Lower Upper

43 100

58 58.9 27.9 41.9#





#52

Tetrachloroethene

Concen: 0.148 ppbv

RT: 10.619 min Scan# 2491

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

Tgt Ion:164 Resp: 9837

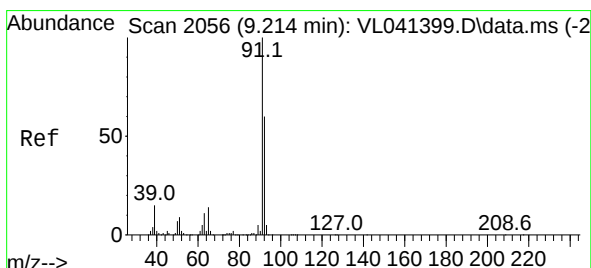
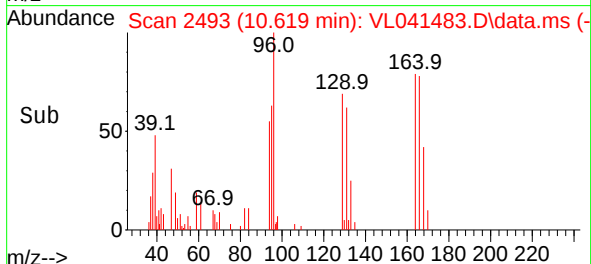
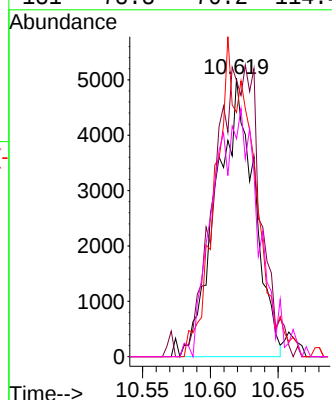
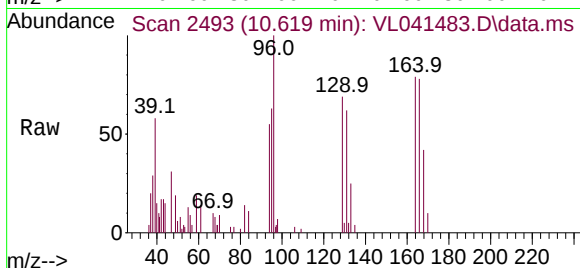
Ion Ratio Lower Upper

164 100

166 99.3 101.1 151.7#

129 87.8 81.7 122.5

131 78.3 76.2 114.4



#53

Toluene

Concen: 4.852 ppbv

RT: 9.221 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041483.D

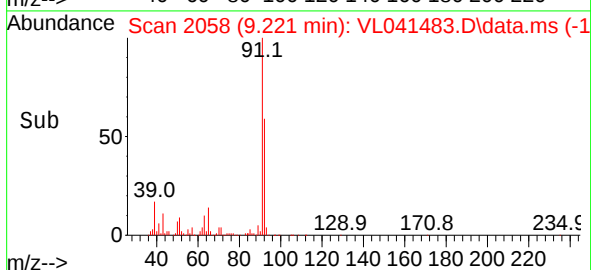
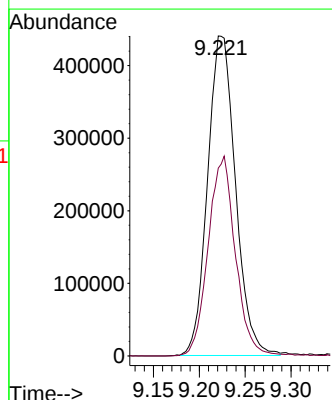
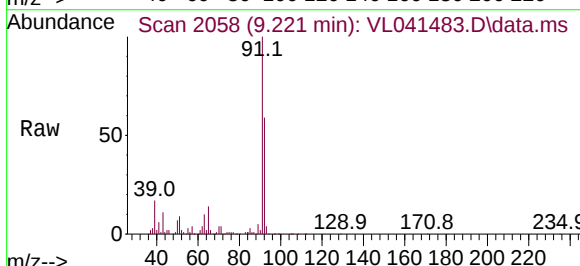
Acq: 1 Aug 2024 18:26

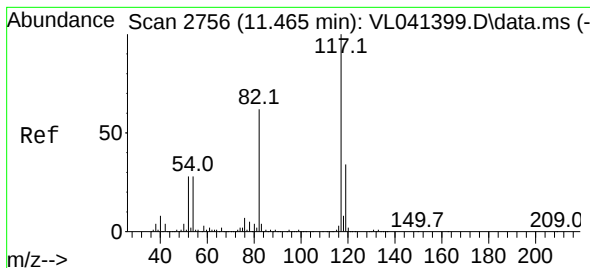
Tgt Ion: 91 Resp: 932632

Ion Ratio Lower Upper

91 100

92 61.2 48.7 73.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

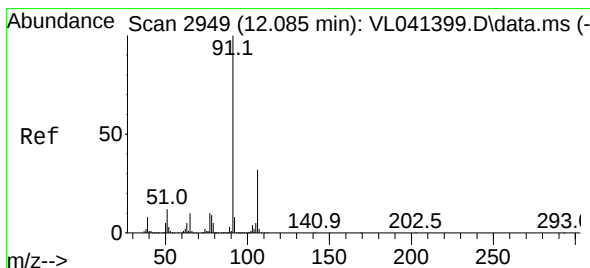
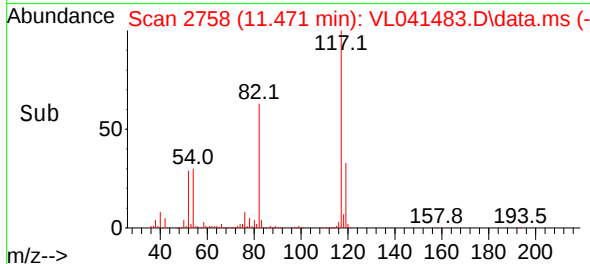
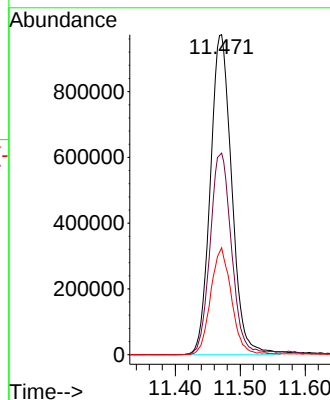
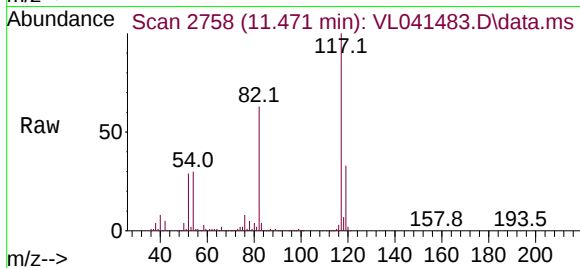
Tgt Ion:117 Resp: 2229211

Ion Ratio Lower Upper

117 100

82 64.6 51.0 76.6

119 32.5 45.2 67.8#



#58

Ethyl Benzene

Concen: 0.287 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.010 min

Lab File: VL041483.D

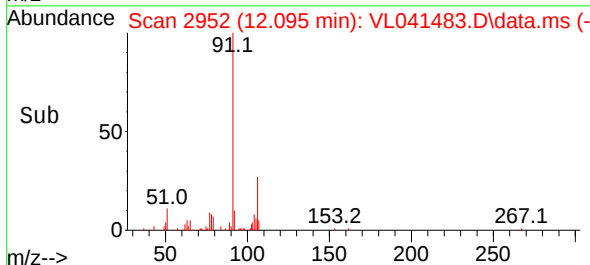
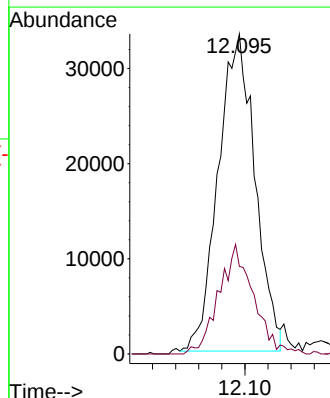
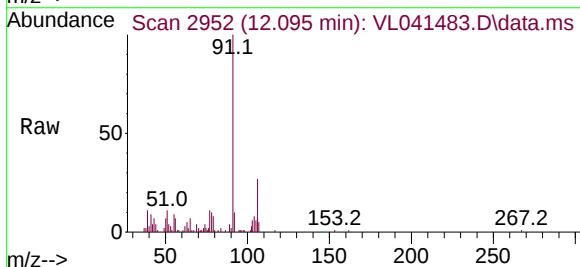
Acq: 1 Aug 2024 18:26

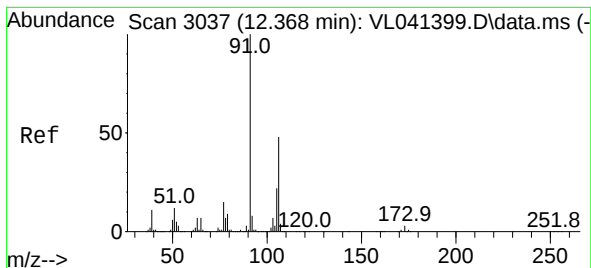
Tgt Ion: 91 Resp: 73624

Ion Ratio Lower Upper

91 100

106 27.0 25.8 38.8

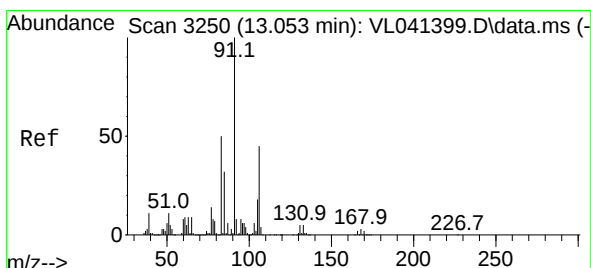
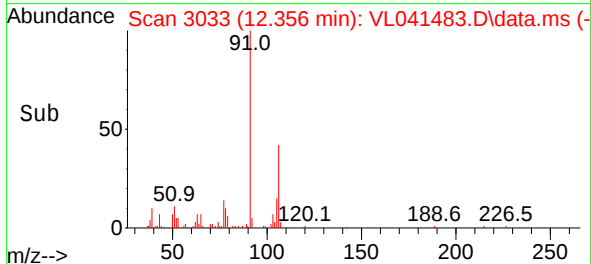
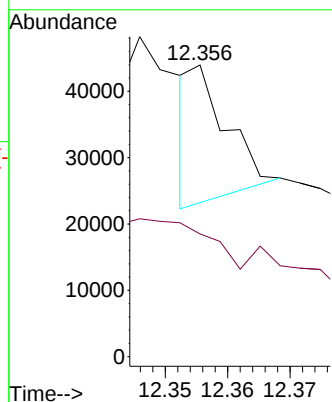
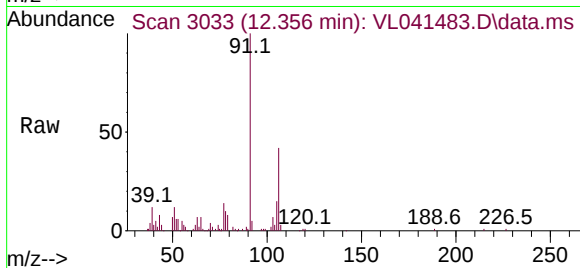




#59
m/p-Xylene
Concen: 0.038 ppbv
RT: 12.356 min Scan# 3033
Delta R.T. -0.013 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

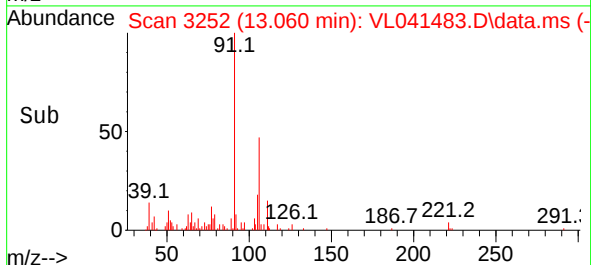
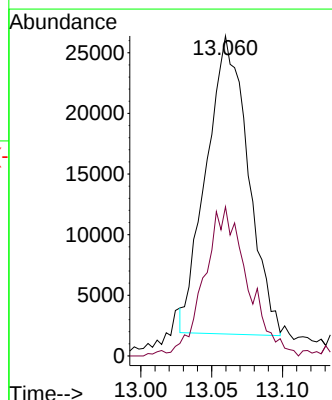
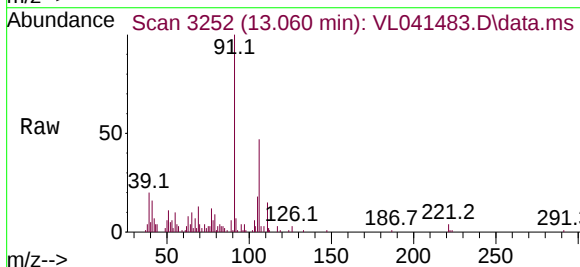
Instrument :
MSVOA_L
ClientSampleId :
BASEMENT

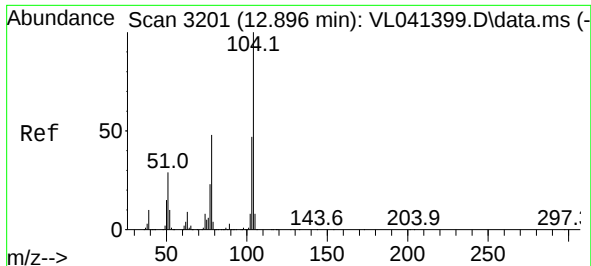
Tgt Ion: 91 Resp: 8346
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5#



#60
o-Xylene
Concen: 0.240 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

Tgt Ion: 91 Resp: 50390
Ion Ratio Lower Upper
91 100
106 53.4 23.1 69.3

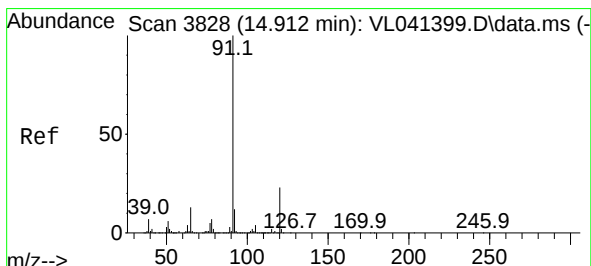
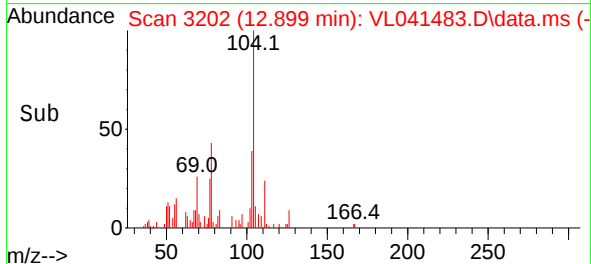
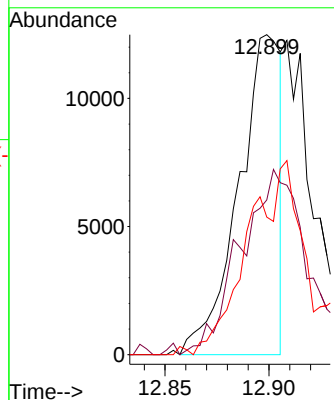
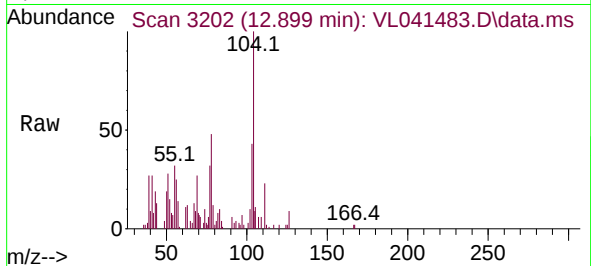




#61
Styrene
Concen: 0.185 ppbv
RT: 12.899 min Scan# 3113
Delta R.T. 0.003 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

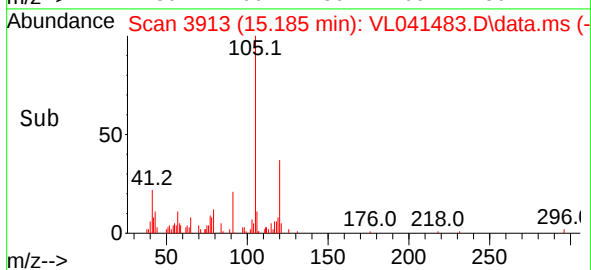
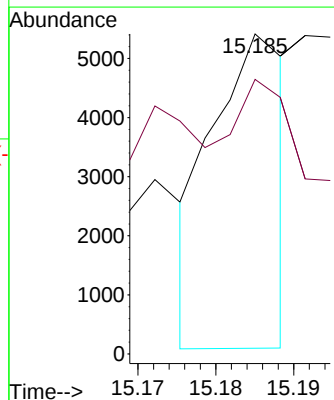
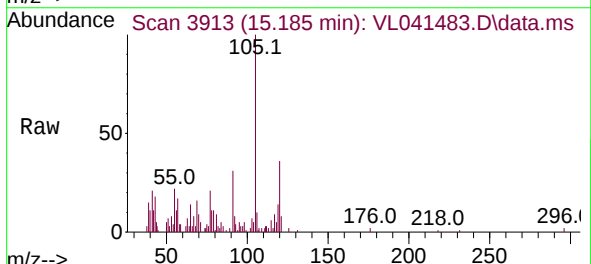
Instrument :
MSVOA_L
ClientSampleId :
BASEMENT

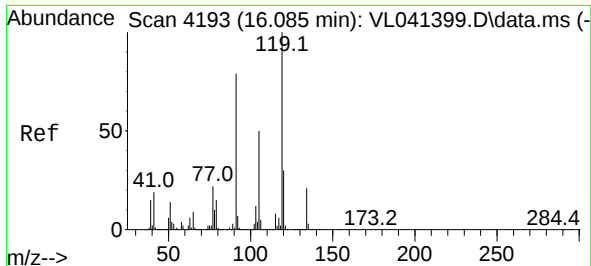
Tgt Ion:104 Resp: 17521
Ion Ratio Lower Upper
104 100
78 98.6 40.8 61.2#
103 0.0 38.2 57.4#



#64
n-propylbenzene
Concen: 0.042 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.273 min
Lab File: VL041483.D
Acq: 1 Aug 2024 18:26

Tgt Ion:120 Resp: 3480
Ion Ratio Lower Upper
120 100
91 377.1 361.4 542.0





#65

tert-Butylbenzene

Concen: 0.033 ppbv

RT: 16.105 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

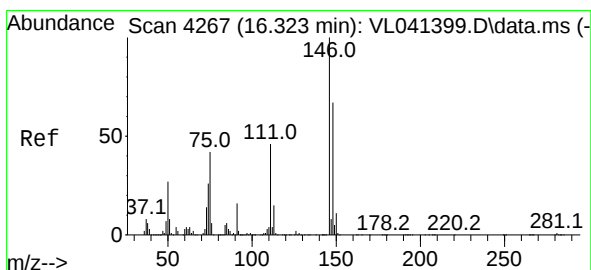
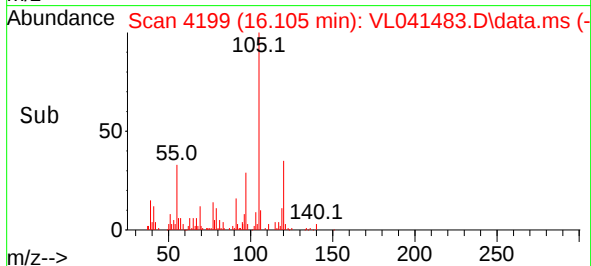
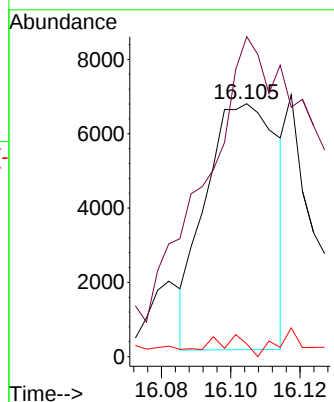
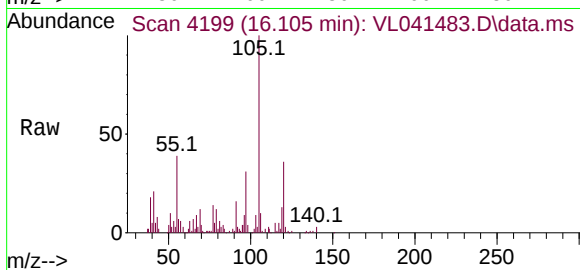
Tgt Ion:119 Resp: 9442

Ion Ratio Lower Upper

119 100

91 249.7 64.2 96.2#

134 0.0 15.7 23.5#



#66

Benzyl Chloride

Concen: 0.043 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

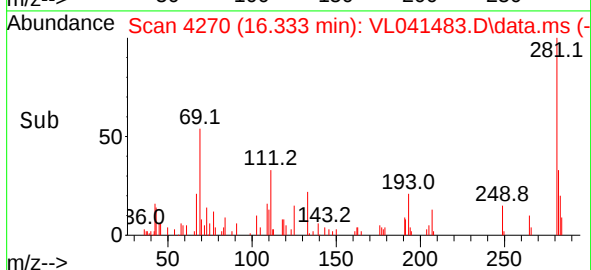
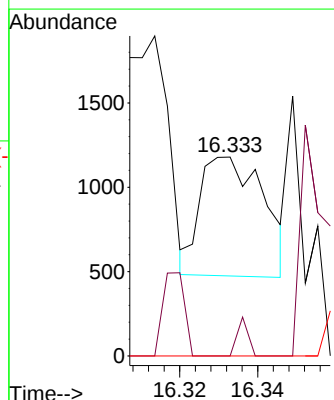
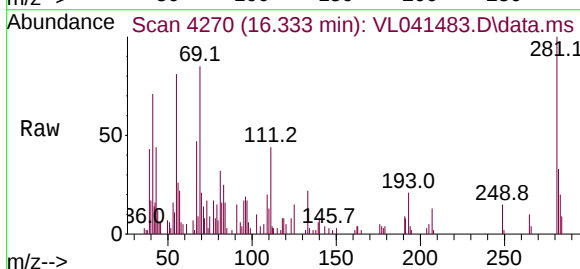
Tgt Ion: 91 Resp: 795

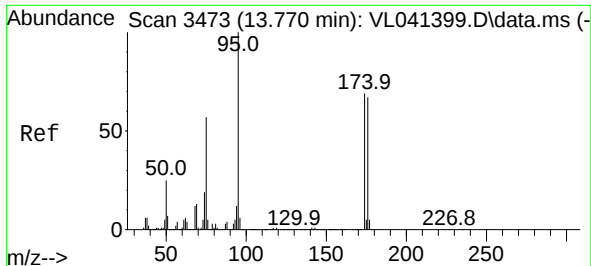
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.8#

128 0.0 4.4 6.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.208 ppbv

RT: 13.780 min Scan# 3473

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

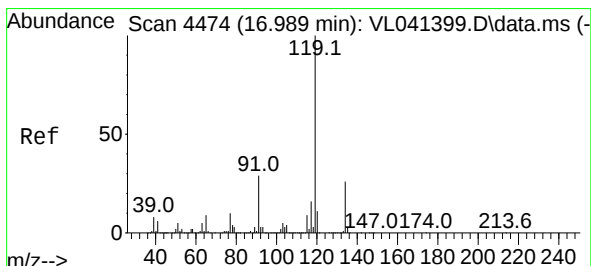
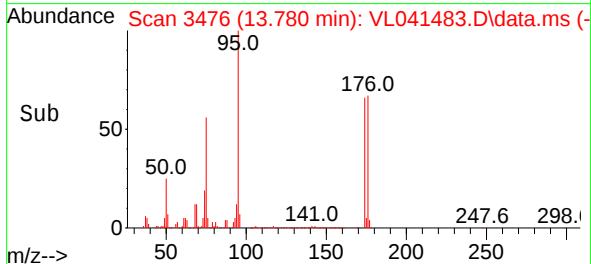
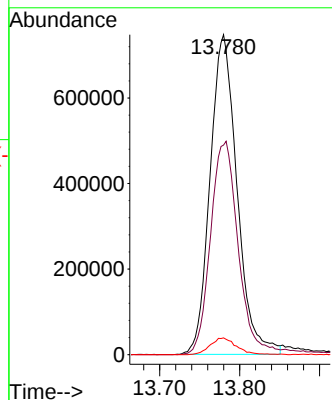
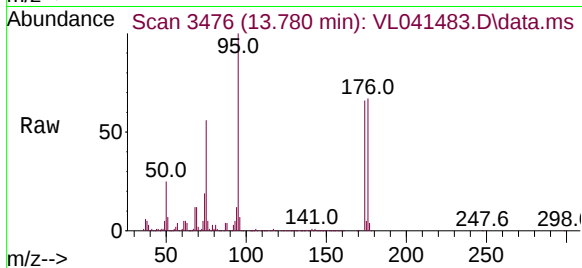
Tgt Ion: 95 Resp: 1751218

Ion Ratio Lower Upper

95 100

174 70.9 56.3 84.5

175 5.2 4.0 6.0



#69

p-Isopropyltoluene

Concen: 0.625 ppbv

RT: 17.002 min Scan# 4478

Delta R.T. 0.010 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

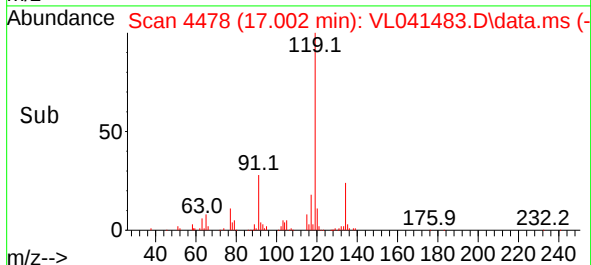
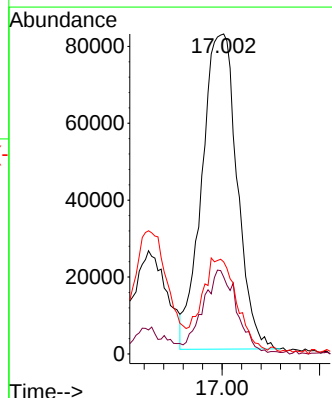
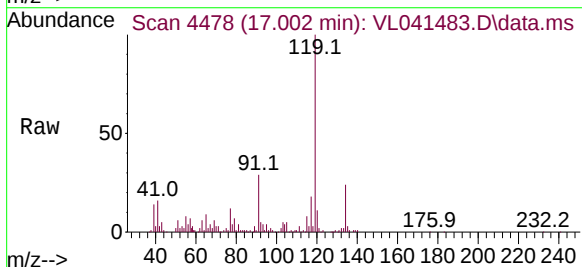
Tgt Ion: 119 Resp: 205782

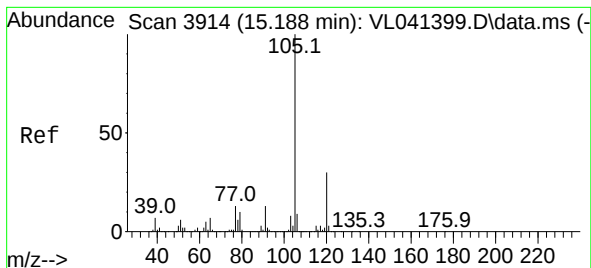
Ion Ratio Lower Upper

119 100

134 26.6 20.5 30.7

91 32.2 23.2 34.8





#72

4-Ethyltoluene

Concen: 0.109 ppbv

RT: 15.191 min Scan# 3915

Delta R.T. 0.000 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

Tgt Ion:105 Resp: 26815

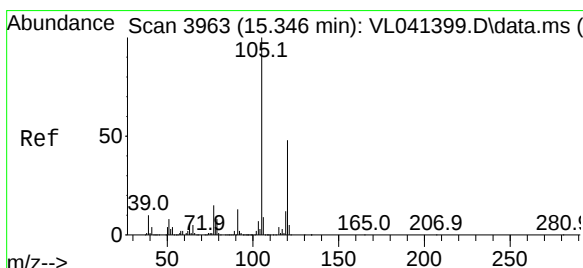
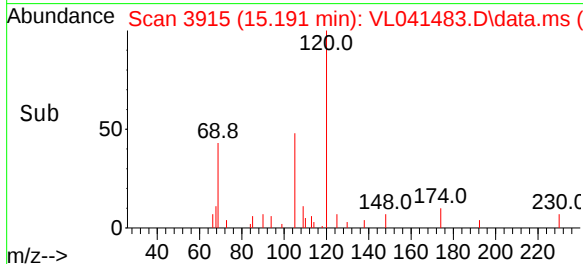
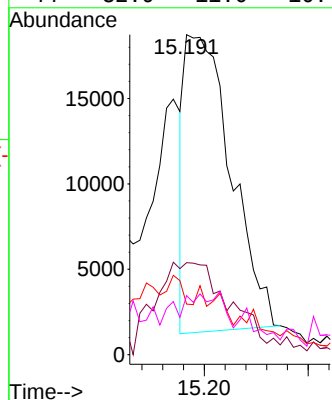
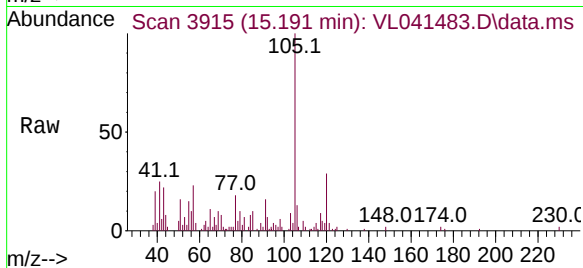
Ion Ratio Lower Upper

105 100

120 0.0 24.2 36.2#

91 0.0 10.4 15.6#

77 32.9 11.0 16.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.143 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041483.D

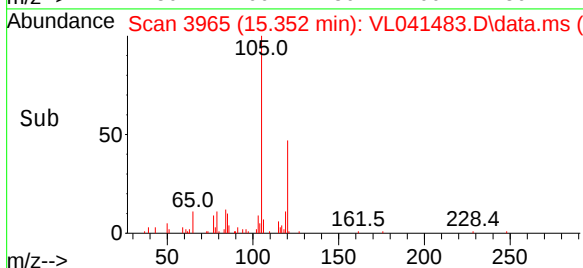
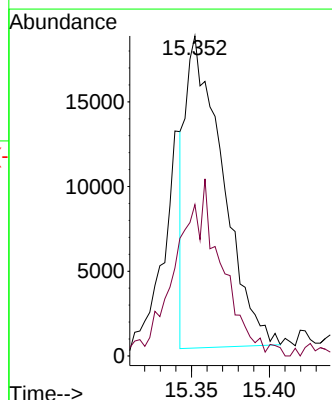
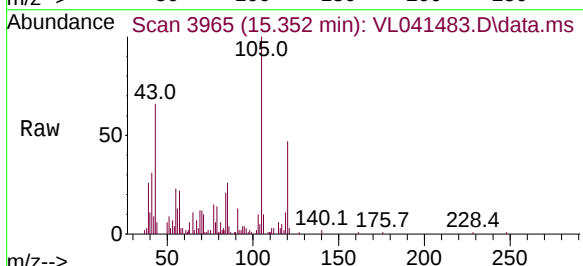
Acq: 1 Aug 2024 18:26

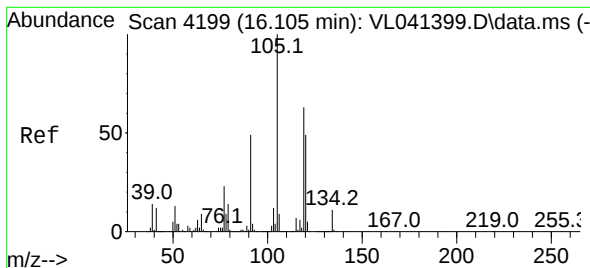
Tgt Ion:105 Resp: 30375

Ion Ratio Lower Upper

105 100

120 46.3 38.6 57.8





#74

1,2,4-Trimethylbenzene

Concen: 0.227 ppbv

RT: 16.114 min Scan# 4199

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT

Tgt Ion:105 Resp: 56241

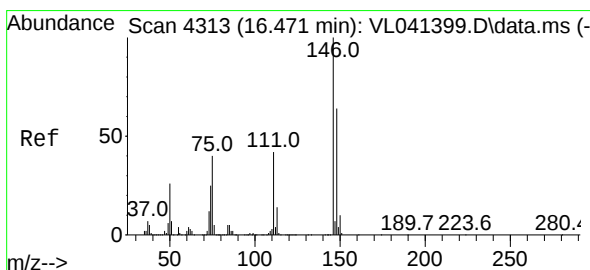
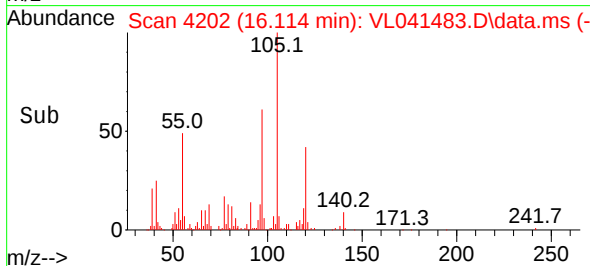
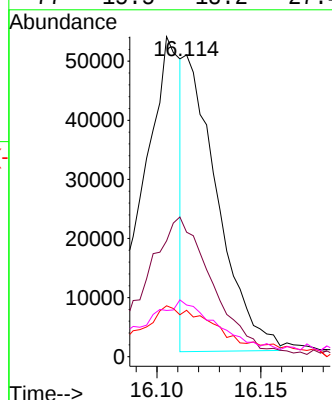
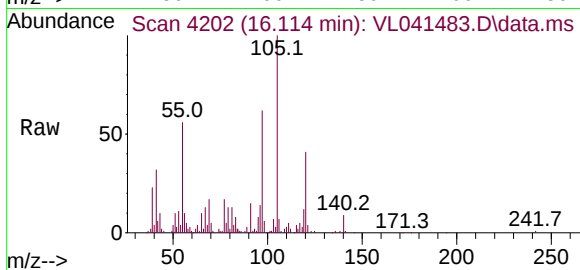
Ion Ratio Lower Upper

105 100

120 41.0 39.5 59.3

91 13.0 39.8 59.8#

77 15.5 18.2 27.4#



#76

1,4-Dichlorobenzene

Concen: 0.107 ppbv

RT: 16.478 min Scan# 4315

Delta R.T. 0.006 min

Lab File: VL041483.D

Acq: 1 Aug 2024 18:26

Tgt Ion:146 Resp: 16170

Ion Ratio Lower Upper

146 100

111 218.4 22.4 67.0#

148 120.0 33.1 99.5#

