

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041485.D
 Acq On : 1 Aug 2024 19:52
 Operator : SY/MD
 Sample : P3445-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2ND-FLOOR

Quant Time: Aug 02 04:14:24 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	941069	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2460189	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2325976	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1836432	10.259	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	36456	0.225	ppbv	95
3) Chlorodifluoromethane	2.678	51	1879341	16.775	ppbv	97
4) Chloromethane	2.816	50	76075	1.277	ppbv	92
7) Chloroethane	3.195	64	1070	0.053	ppbv #	44
9) Propene	2.877	41	3478289	67.586	ppbv	98
10) Heptane	7.584	43	83233	0.720	ppbv	97
11) Trichlorofluoromethane	3.568	101	31496	0.219	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.070	101	5239	0.051	ppbv #	45
13) Ethanol	3.259	45	12871492	2798.309	ppbv	87
15) Acetone	3.465	43	6574123	61.484	ppbv	96
16) 1,3-Butadiene	2.967	39	34770	0.609	ppbv #	23
17) tert-Butyl alcohol	3.909	59	77900	0.799	ppbv	99
19) Isopropyl Alcohol	3.597	45	11673638	186.745	ppbv #	97
20) Methylene Chloride	3.935	84	1045367	26.218	ppbv	97
21) Allyl Chloride	3.935	41	36674	0.523	ppbv #	19
23) Vinyl Acetate	4.616	43	188246	2.305	ppbv #	38
25) Ethyl Acetate	5.208	43	905047	4.261	ppbv	97
26) Hexane	5.211	57	527728	5.989	ppbv #	74
27) Carbon Disulfide	4.128	76	10306	0.100	ppbv #	50
29) Chloroform	5.275	83	231238	1.609	ppbv	95
30) Cyclohexane	6.603	84	6685	0.093	ppbv #	1
31) cis-1,2-Dichloroethene	5.208	61	66963	0.769	ppbv #	23
34) 2-Butanone	4.790	43	264859	2.226	ppbv	100
35) Carbon Tetrachloride	6.501	117	9782	0.072	ppbv #	86
36) Benzene	6.372	78	78537	0.437	ppbv	97
37) 1,2-Dichloroethane	5.806	62	5930	0.059	ppbv #	87
39) 1,2-Dichloropropane	6.655	63	615072	8.937	ppbv #	24
40) 1,4-Dioxane	7.295	88	2147	0.078	ppbv #	1
41) Tetrahydrofuran	5.549	42	9261	0.136	ppbv #	37
42) Bromodichloromethane	7.259	83	13134	0.090	ppbv #	86
44) 2,2,4-Trimethylpentane	7.327	57	445223	1.483	ppbv #	88
50) 4-Methyl-2-Pentanone	8.182	43	7440	0.040	ppbv #	1
51) 2-Hexanone	9.545	43	10074	0.071	ppbv #	30
53) Toluene	9.224	91	978439	4.886	ppbv	99
58) Ethyl Benzene	12.092	91	83104	0.310	ppbv #	83
59) m/p-Xylene	12.346	91	151409	0.654	ppbv #	78
60) o-Xylene	13.057	91	77307	0.353	ppbv	99
61) Styrene	12.902	104	10978	0.111	ppbv #	5
64) n-propylbenzene	14.921	120	4388	0.050	ppbv #	7
66) Benzyl Chloride	16.230	91	1038	0.054	ppbv #	91
69) p-Isopropyltoluene	16.995	119	914384	2.660	ppbv	99
70) n-Butylbenzene	18.043	91	1275900	3.621	ppbv #	79
71) 2-Chlorotoluene	14.915	91	14246	0.058	ppbv #	61

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Data File : VL041485.D
Acq On : 1 Aug 2024 19:52
Operator : SY/MD
Sample : P3445-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

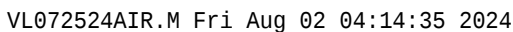
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOOR

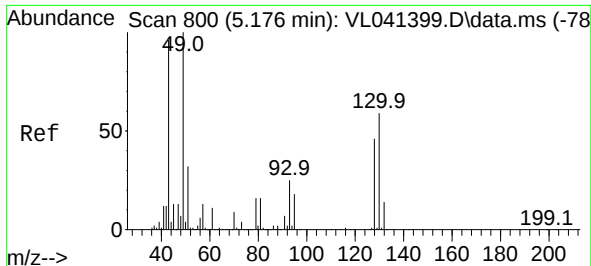
Quant Time: Aug 02 04:14:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 4-Ethyltoluene	15.198	105	8118	0.031	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.355	105	38578	0.174	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.108	105	128408	0.497	ppbv #	74
76) 1,4-Dichlorobenzene	16.474	146	15934	0.101	ppbv #	6

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

Quant Time: Aug 02 04:14:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

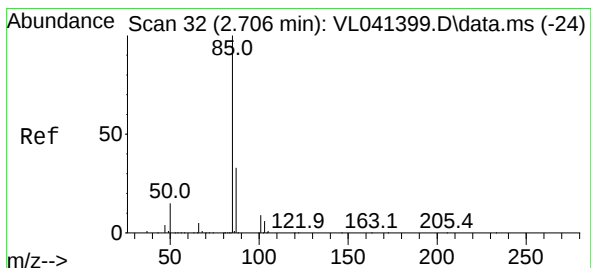
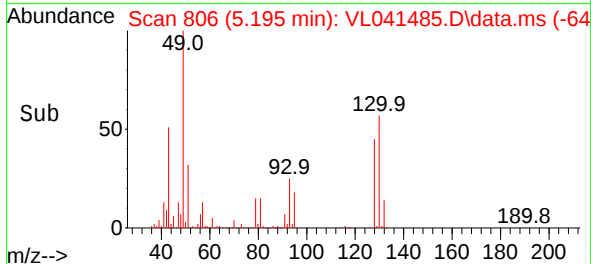
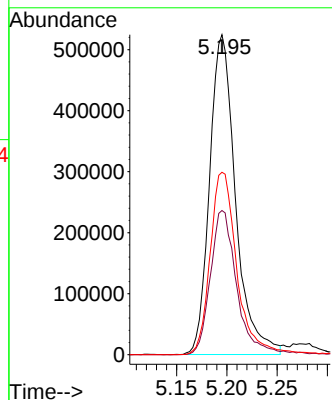
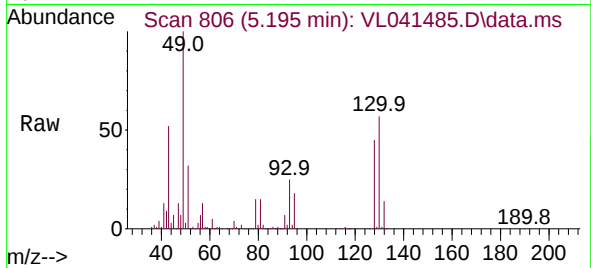




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

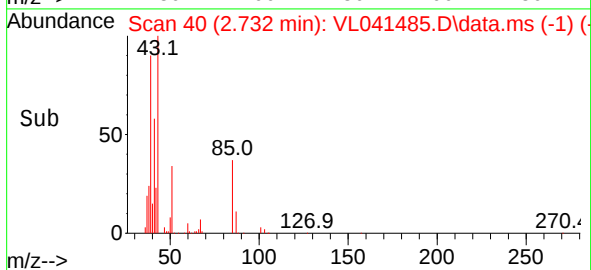
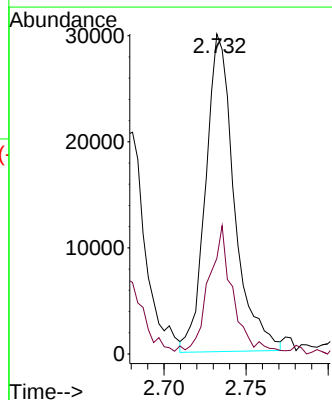
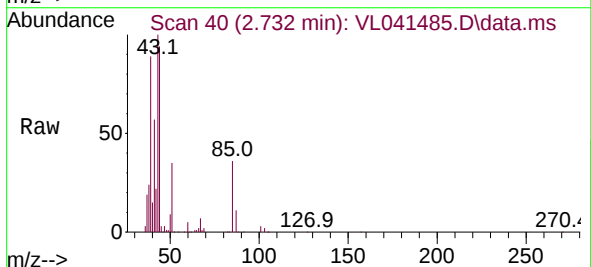
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOOR

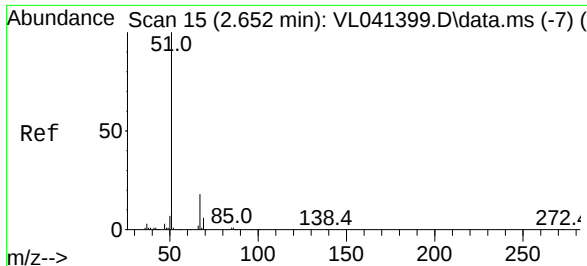
Tgt Ion: 49 Resp: 941069
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.4
130 59.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.225 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 85 Resp: 36456
Ion Ratio Lower Upper
85 100
87 29.9 26.0 39.0

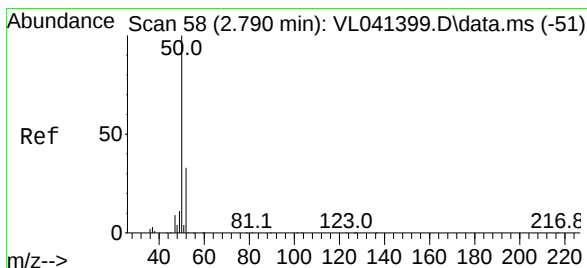
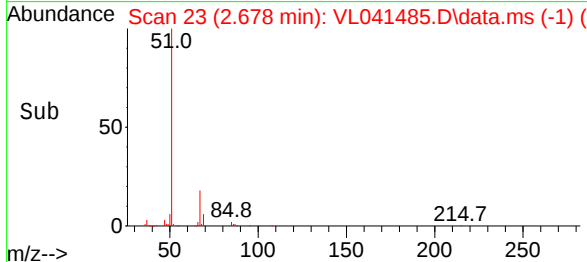
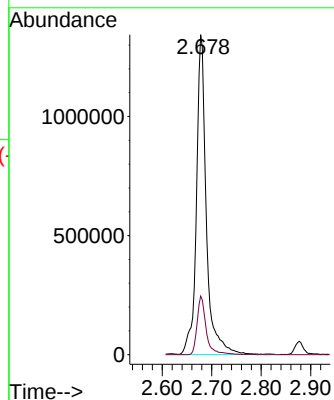
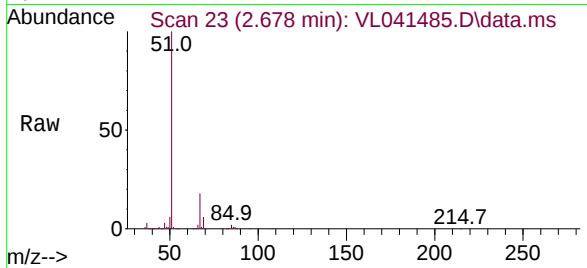




#3
Chlorodifluoromethane
Concen: 16.775 ppbv
RT: 2.678 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

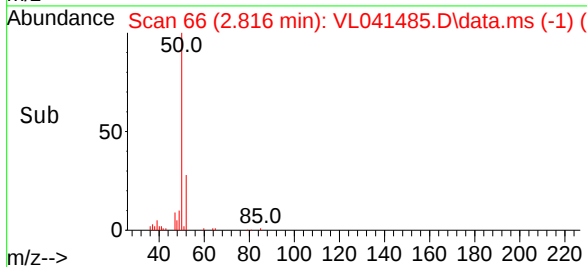
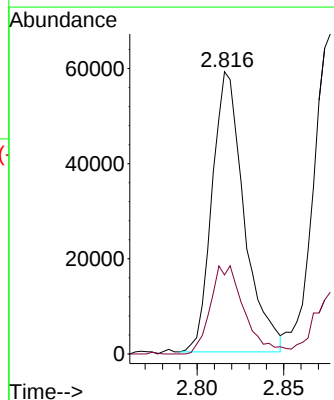
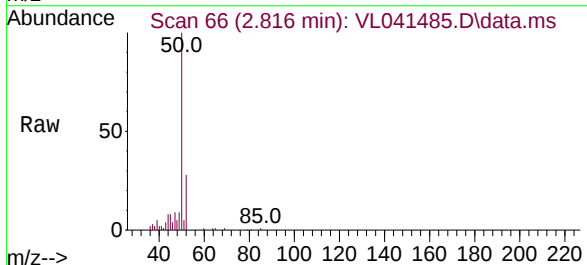
Instrument :
MSVOA_L
ClientSampleId :
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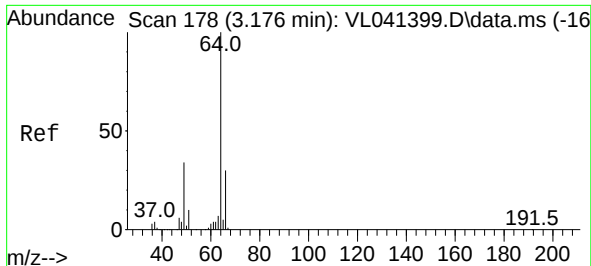
Tgt Ion: 51 Resp: 1879341
Ion Ratio Lower Upper
51 100
67 16.9 14.5 21.7



#4
Chloromethane
Concen: 1.277 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 50 Resp: 76075
Ion Ratio Lower Upper
50 100
52 28.2 26.1 39.1

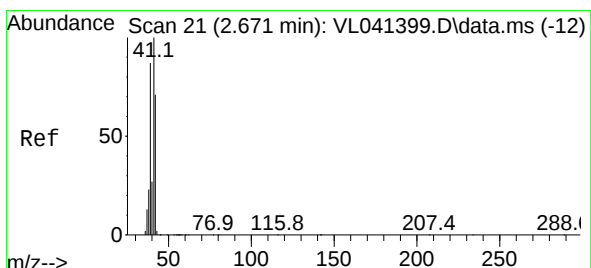
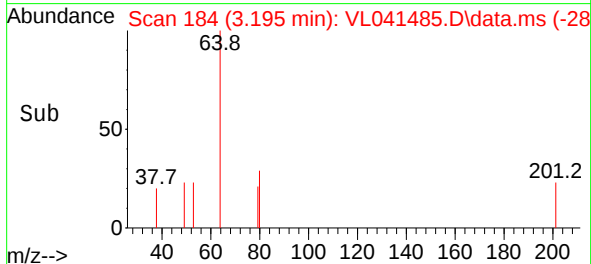
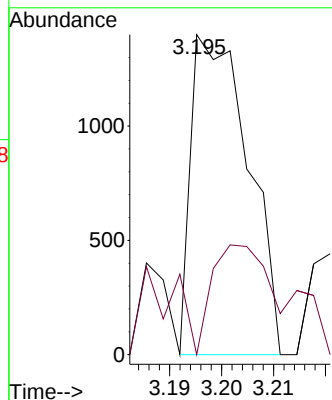
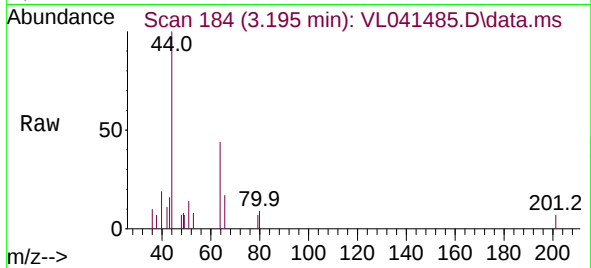




#7
Chloroethane
Concen: 0.053 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

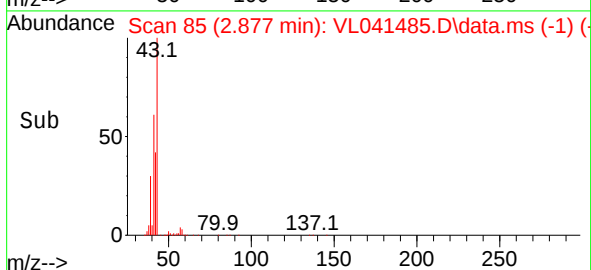
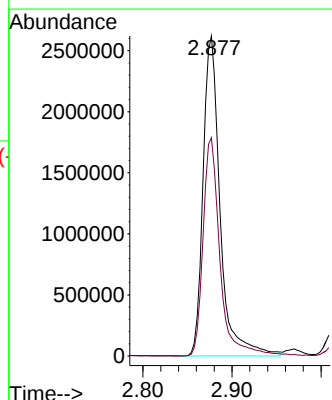
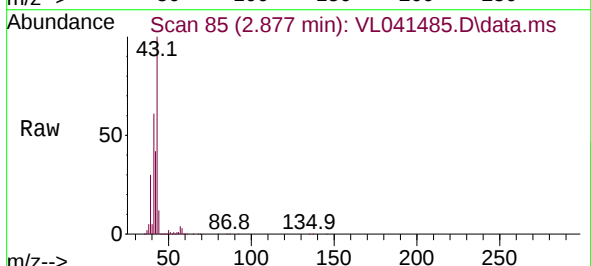
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ClientSampleId :
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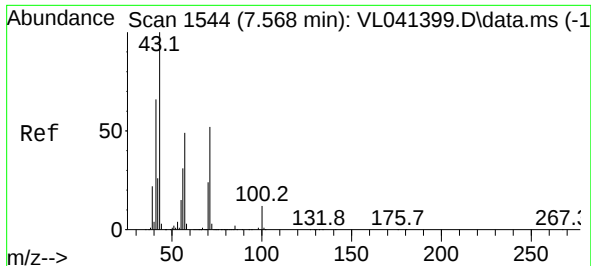
Tgt Ion: 64 Resp: 1070
Ion Ratio Lower Upper
64 100
66 0.0 24.2 36.2#



#9
Propene
Concen: 67.586 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.183 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 41 Resp: 3478289
Ion Ratio Lower Upper
41 100
42 67.9 55.9 83.9





#10

Heptane

Concen: 0.720 ppbv

RT: 7.584 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

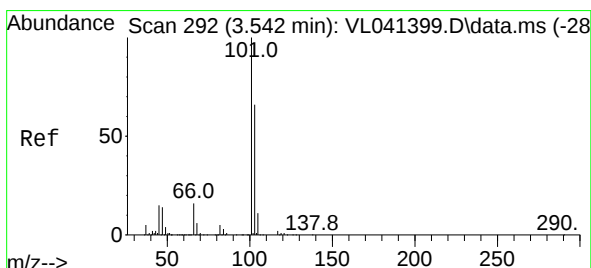
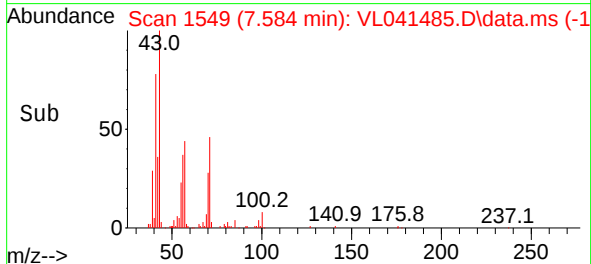
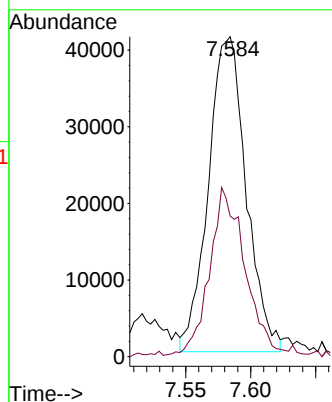
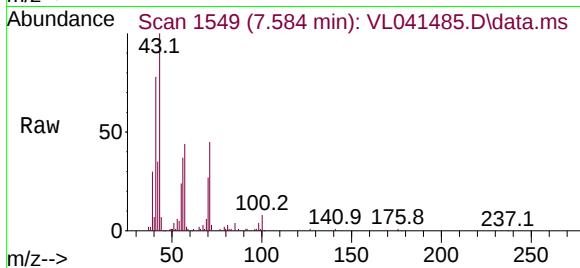
2ND-FLOOR

Tgt Ion: 43 Resp: 83233

Ion Ratio Lower Upper

43 100

57 52.6 40.5 60.7



#11

Trichlorofluoromethane

Concen: 0.219 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.006 min

Lab File: VL041485.D

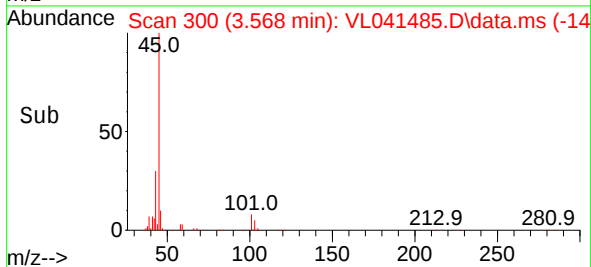
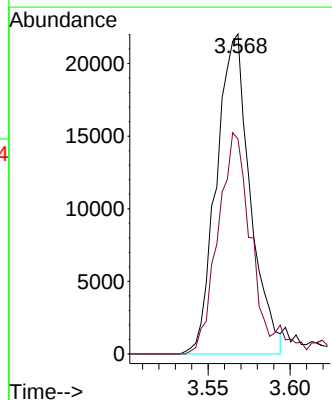
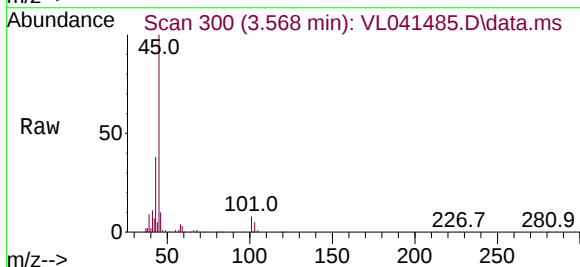
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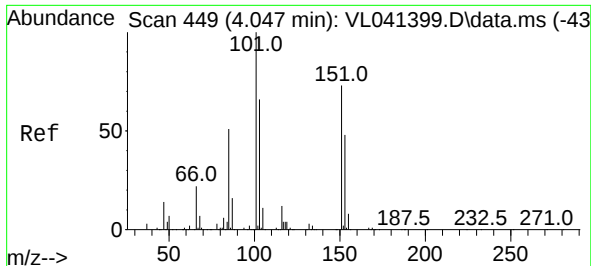
Tgt Ion:101 Resp: 31496

Ion Ratio Lower Upper

101 100

103 67.1 52.6 79.0

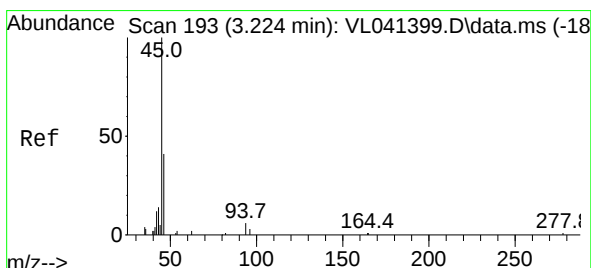
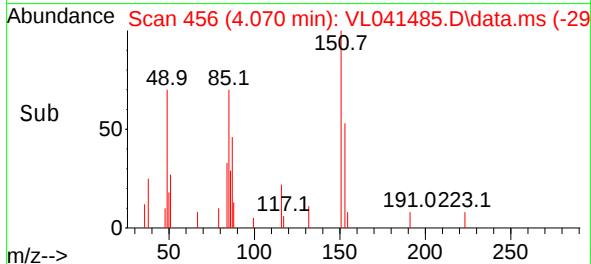
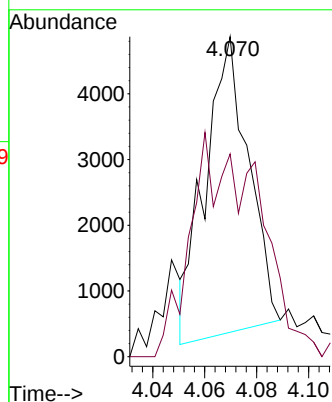
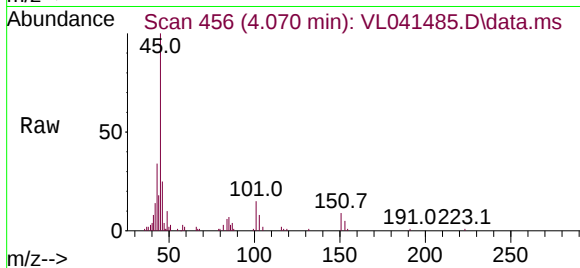




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.051 ppbv
RT: 4.070 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

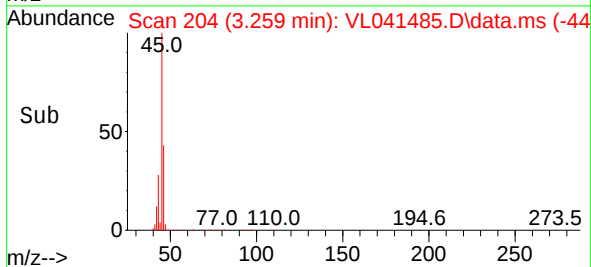
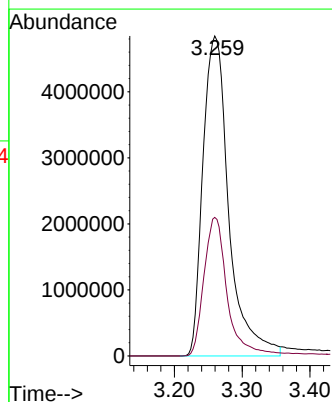
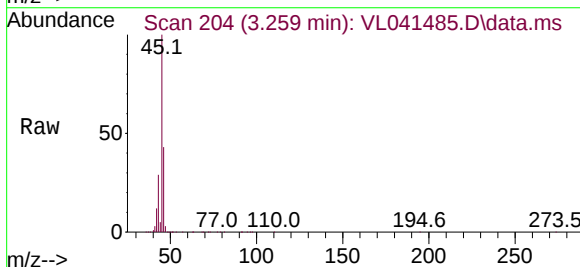
Instrument :
MSVOA_L
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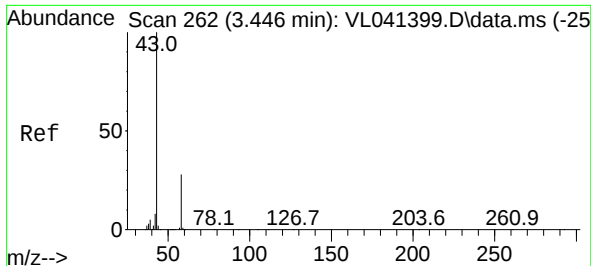
Tgt Ion:101 Resp: 5239
Ion Ratio Lower Upper
101 100
151 120.7 59.4 89.2#



#13
Ethanol
Concen: 2798.309 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.013 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 45 Resp:12871492
Ion Ratio Lower Upper
45 100
46 40.9 13.4 53.4

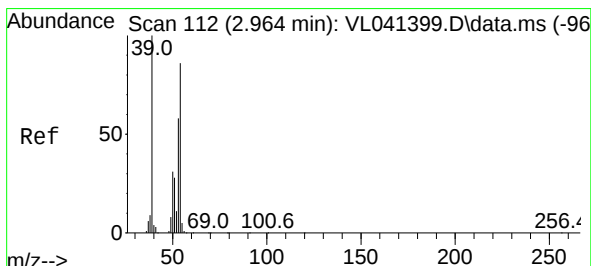
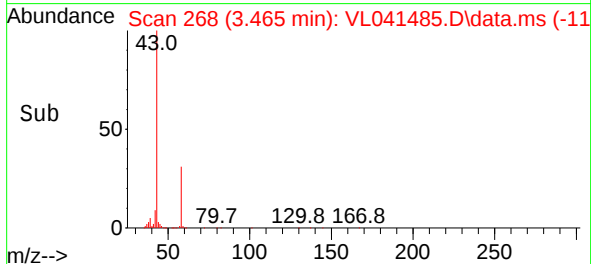
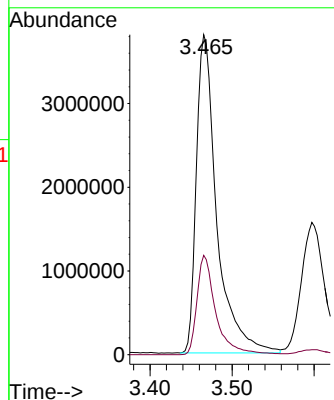
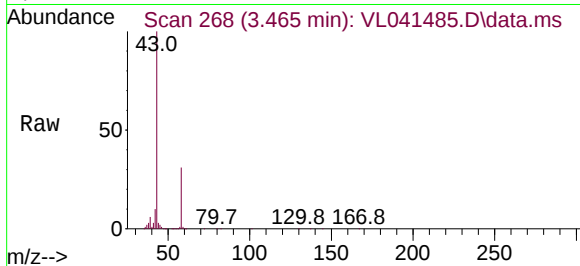




#15
Acetone
Concen: 61.484 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

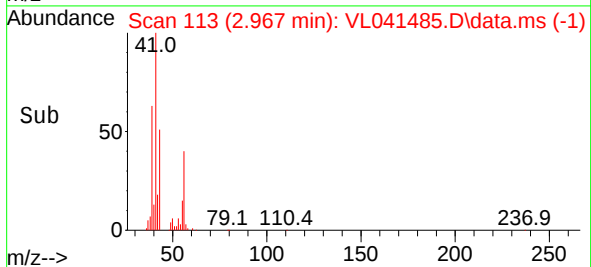
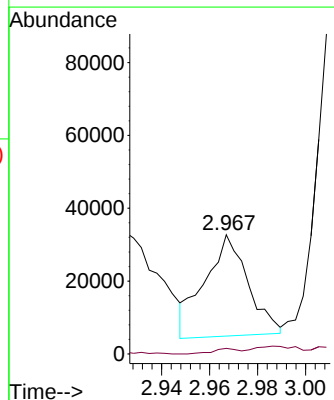
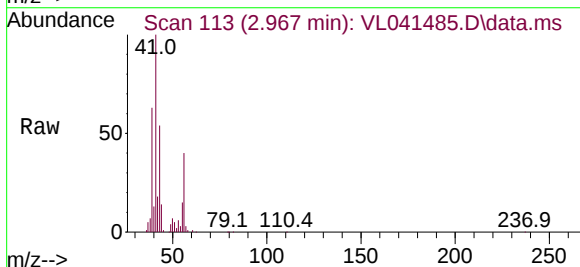
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOOR

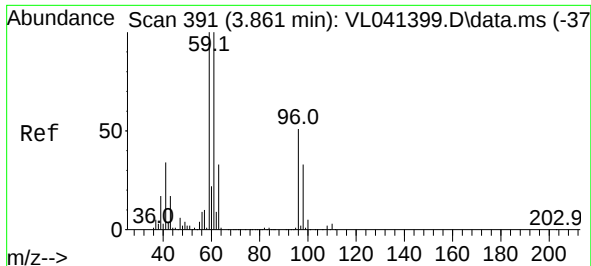
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Ion Ratio Lower Upper
43 100
58 28.8 21.4 32.2



#16
1,3-Butadiene
Concen: 0.609 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.019 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 39 Resp: 34770
Ion Ratio Lower Upper
39 100
54 11.4 62.5 93.7#





#17

tert-Butyl alcohol

Concen: 0.799 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.035 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

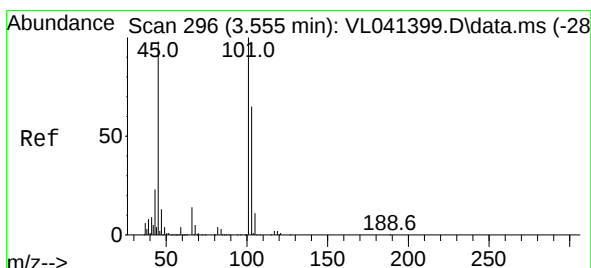
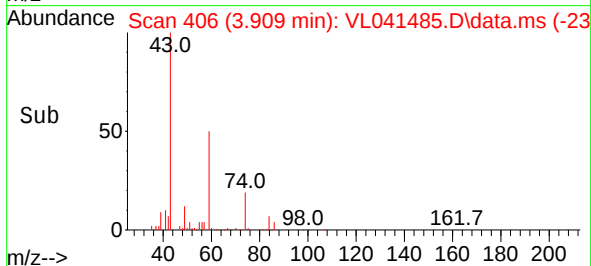
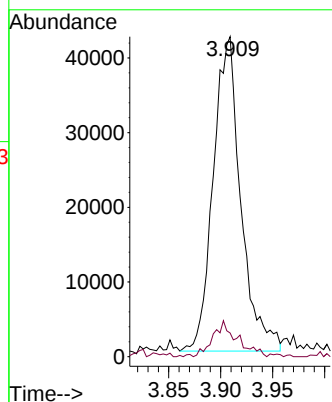
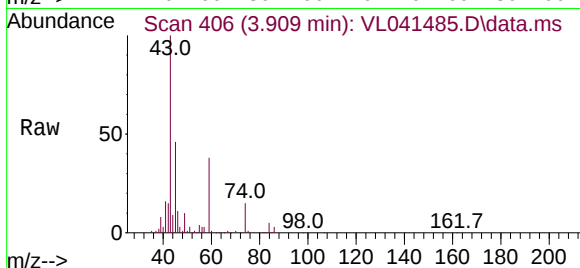
2ND-FLOOR

Tgt Ion: 59 Resp: 77900

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#19

Isopropyl Alcohol

Concen: 186.745 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.023 min

Lab File: VL041485.D

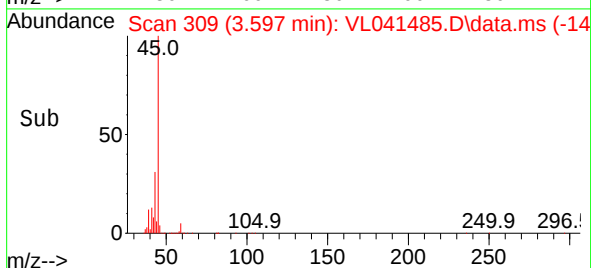
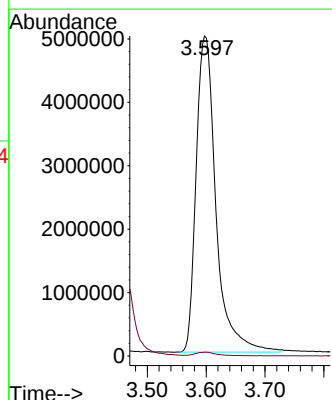
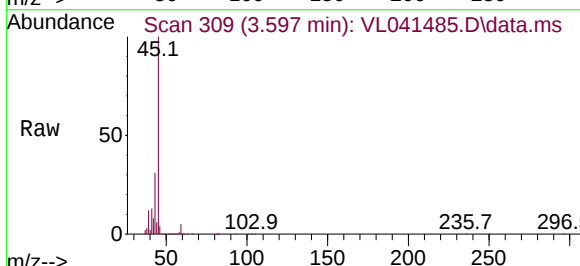
Acq: 1 Aug 2024 19:52

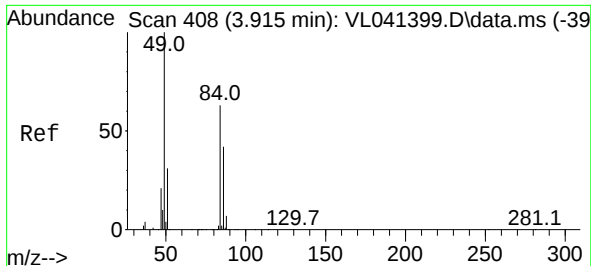
Tgt Ion: 45 Resp:11673638

Ion Ratio Lower Upper

45 100

58 1.3 1.9 2.9#





#20

Methylene Chloride

Concen: 26.218 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

2ND-FLOOR

Tgt Ion: 84 Resp: 1045367

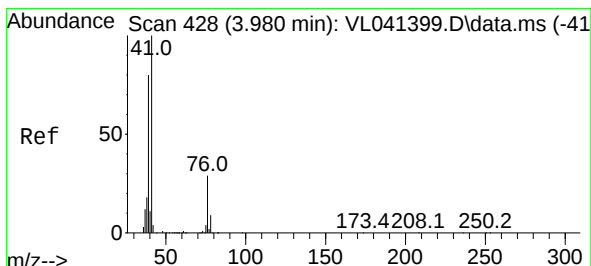
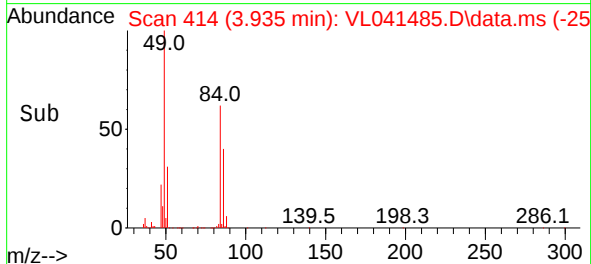
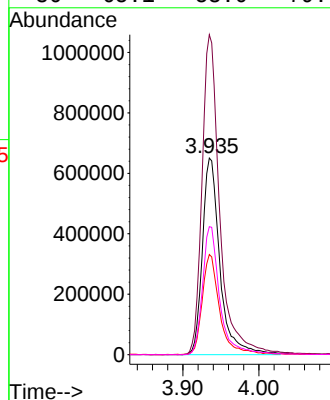
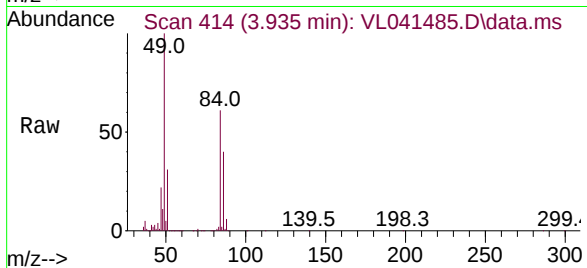
Ion Ratio Lower Upper

84 100

49 162.6 126.6 190.0

51 50.8 38.6 58.0

86 65.1 53.0 79.4



#21

Allyl Chloride

Concen: 0.523 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.061 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

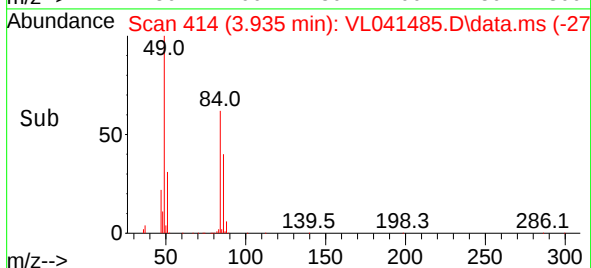
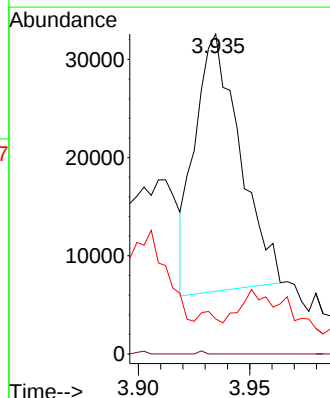
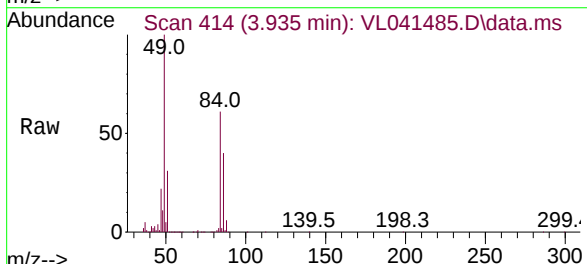
Tgt Ion: 41 Resp: 36674

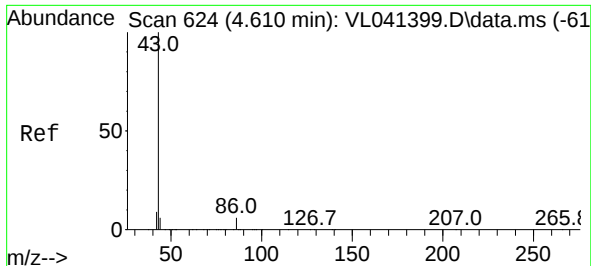
Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 0.0 64.3 96.5#



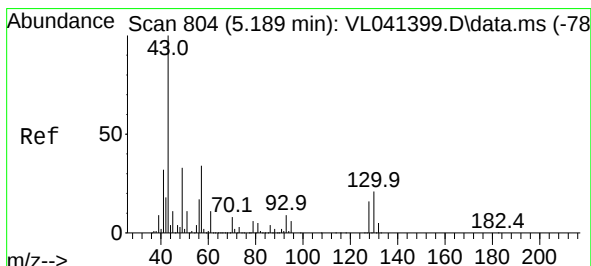
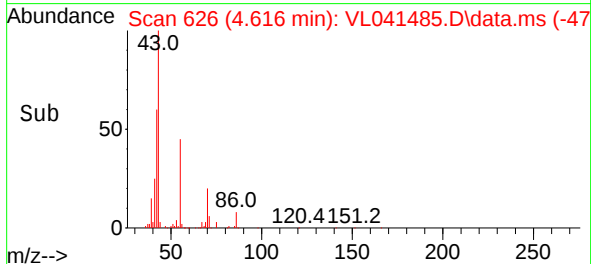
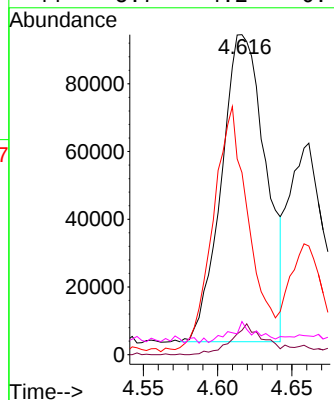
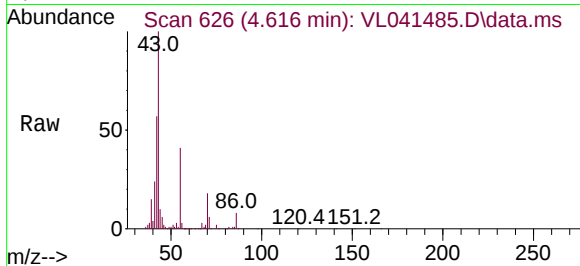


#23
 Vinyl Acetate
 Concen: 2.305 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL041485.D
 Acq: 1 Aug 2024 19:52

Instrument :
 MSVOA_1
 ClientSampleId :
 2ND-FLOOR

Tgt Ion: 43 Resp: 188246

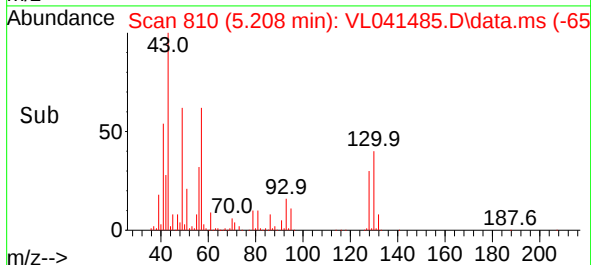
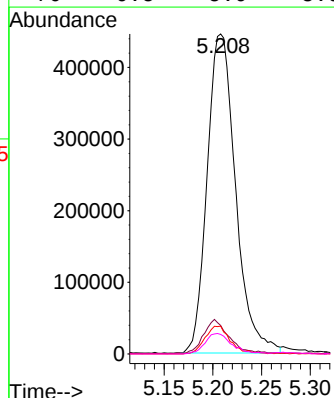
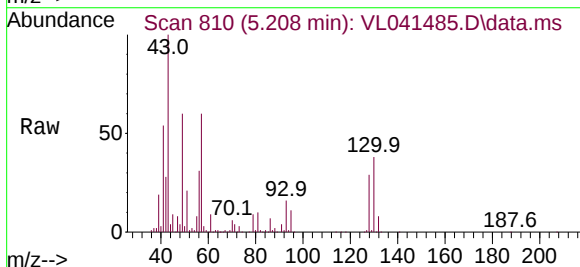
Ion	Ratio	Lower	Upper
43	100		
86	7.7	4.6	6.8#
42	57.0	7.9	11.9#
44	5.7	4.2	6.4

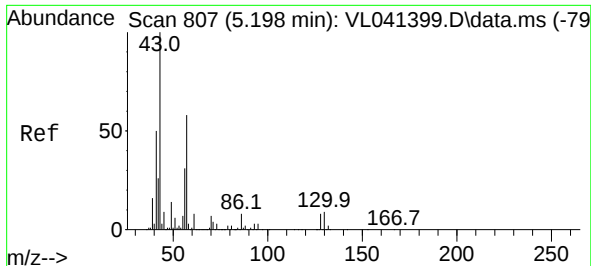


#25
 Ethyl Acetate
 Concen: 4.261 ppbv
 RT: 5.208 min Scan# 810
 Delta R.T. 0.006 min
 Lab File: VL041485.D
 Acq: 1 Aug 2024 19:52

Tgt Ion: 43 Resp: 905047

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.5	12.7
61	8.1	8.0	12.0
70	6.5	5.9	8.9

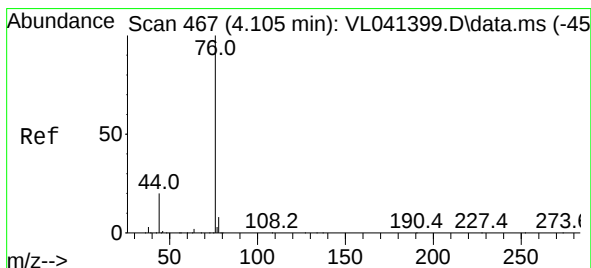
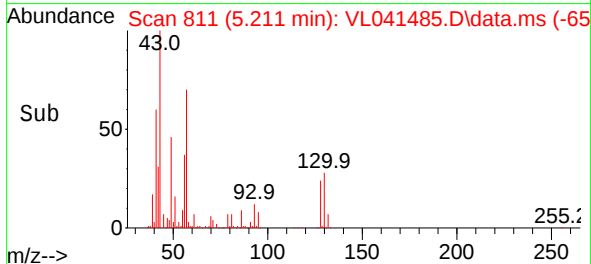
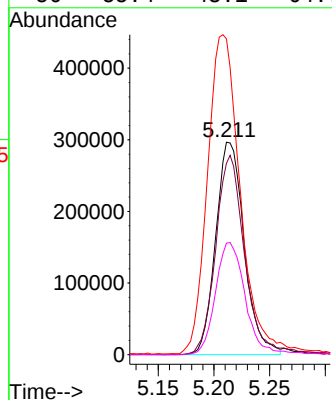
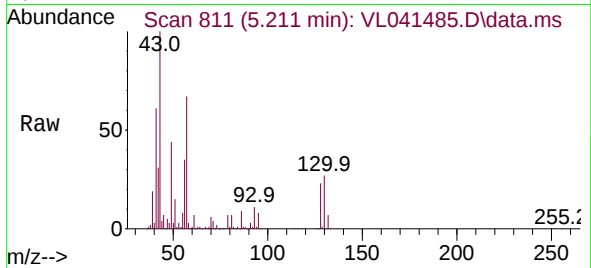




#26
Hexane
Concen: 5.989 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

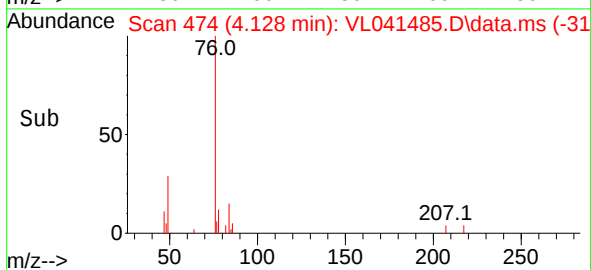
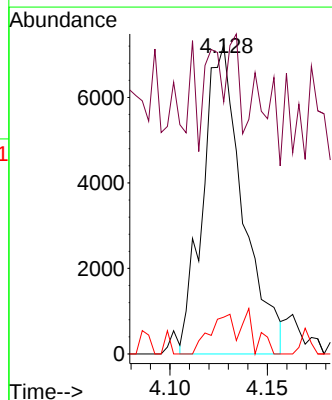
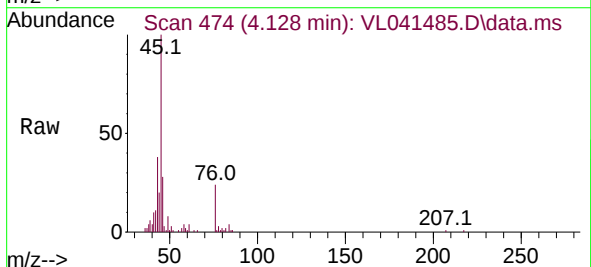
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOOR

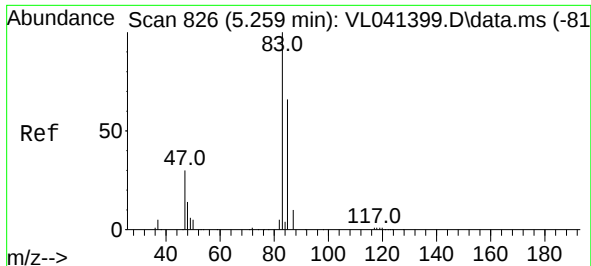
Tgt Ion: 57 Resp: 527728
Ion Ratio Lower Upper
57 100
41 96.1 74.0 111.0
43 174.3 193.6 290.4#
56 55.4 43.1 64.7



#27
Carbon Disulfide
Concen: 0.100 ppbv
RT: 4.128 min Scan# 474
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 76 Resp: 10306
Ion Ratio Lower Upper
76 100
44 50.3 15.6 23.4#
78 14.6 7.7 11.5#





#29

Chloroform

Concen: 1.609 ppbv

RT: 5.275 min Scan# 826

Delta R.T. 0.003 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

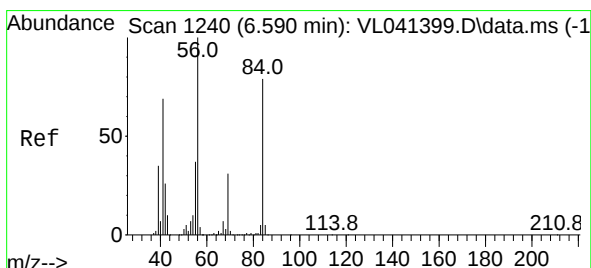
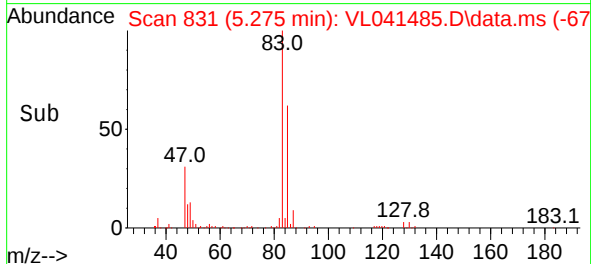
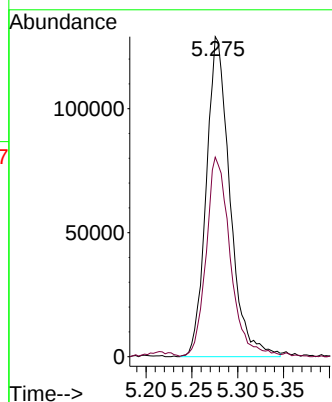
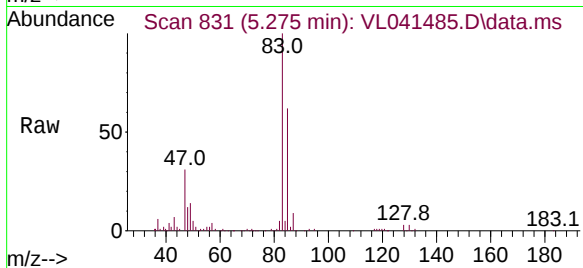
2ND-FLOOR

Tgt Ion: 83 Resp: 231238

Ion Ratio Lower Upper

83 100

85 62.2 53.1 79.7



#30

Cyclohexane

Concen: 0.093 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

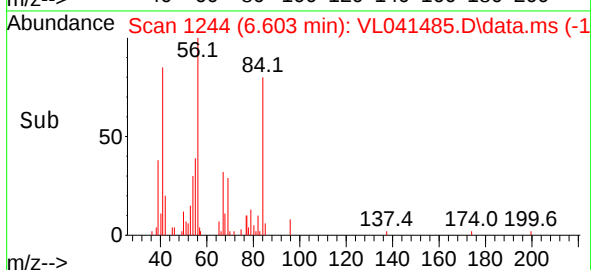
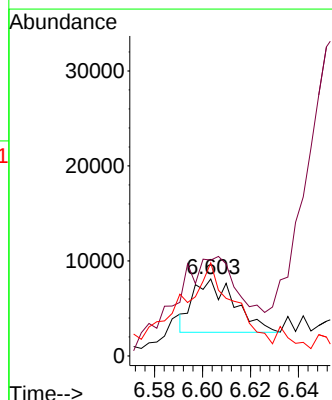
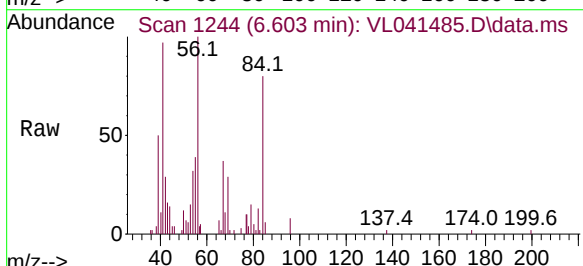
Tgt Ion: 84 Resp: 6685

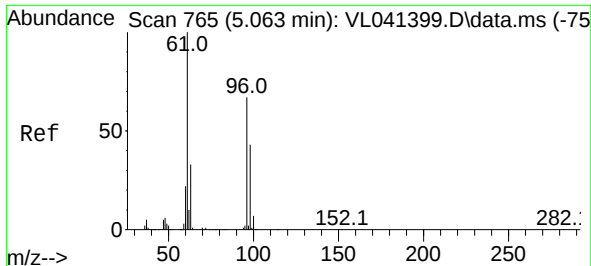
Ion Ratio Lower Upper

84 100

56 346.4 111.2 166.8#

41 289.6 70.3 105.5#





#31

cis-1,2-Dichloroethene

Concen: 0.769 ppbv

RT: 5.208 min Scan# 81

Delta R.T. 0.132 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

2ND-FLOOR

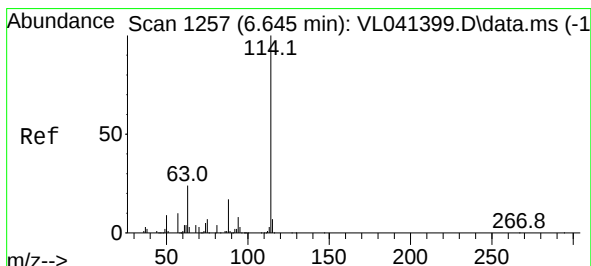
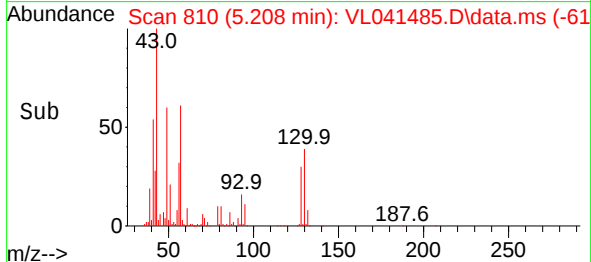
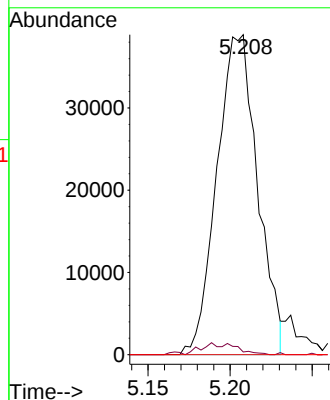
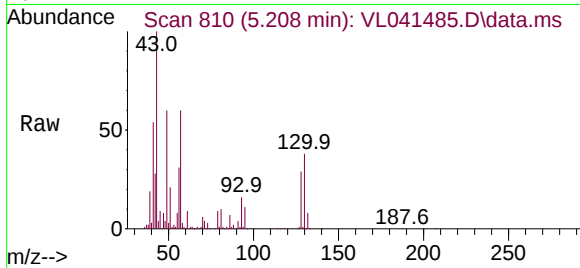
Tgt Ion: 61 Resp: 66963

Ion Ratio Lower Upper

61 100

96 0.2 53.4 80.2#

98 0.0 34.4 51.6#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

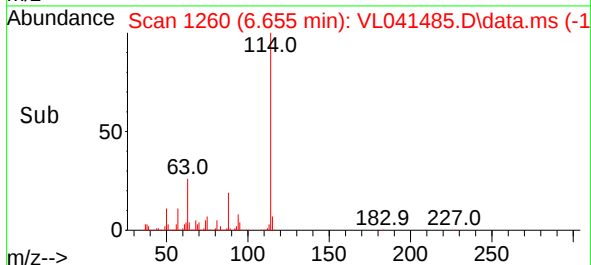
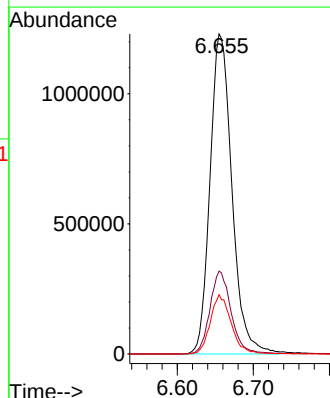
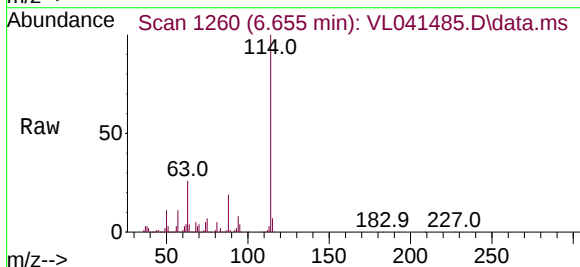
Tgt Ion:114 Resp: 2460189

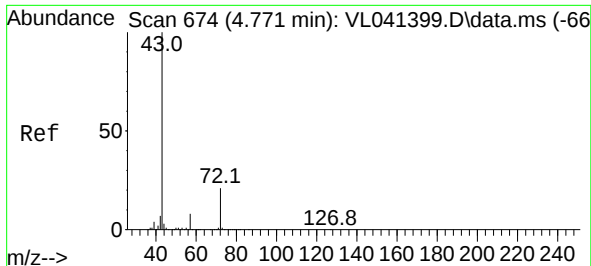
Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.6 14.3 21.5





#34

2-Butanone

Concen: 2.226 ppbv

RT: 4.790 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_1

ClientSampleId :

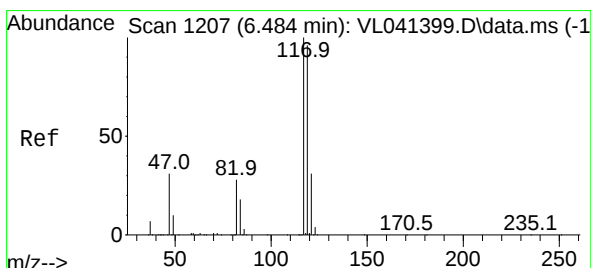
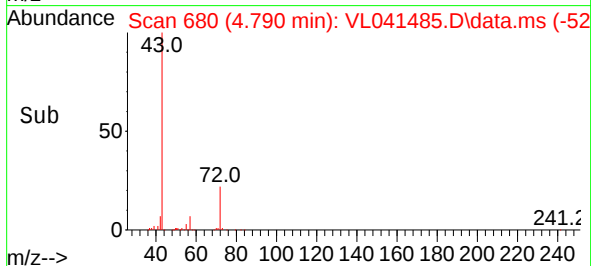
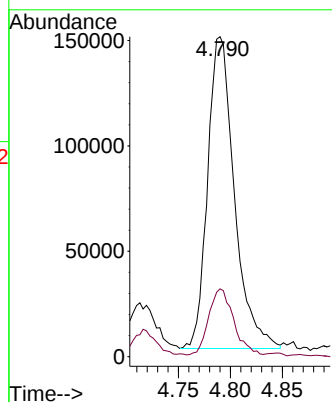
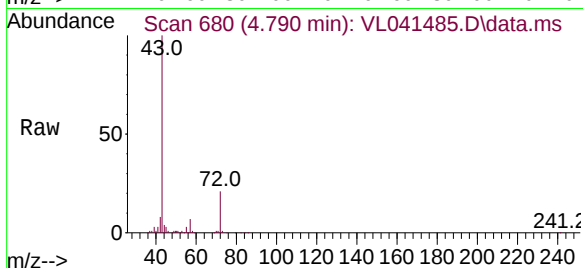
2ND-FLOOR

Tgt Ion: 43 Resp: 264859

Ion Ratio Lower Upper

43 100

72 21.6 17.3 25.9



#35

Carbon Tetrachloride

Concen: 0.072 ppbv

RT: 6.501 min Scan# 1212

Delta R.T. 0.010 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

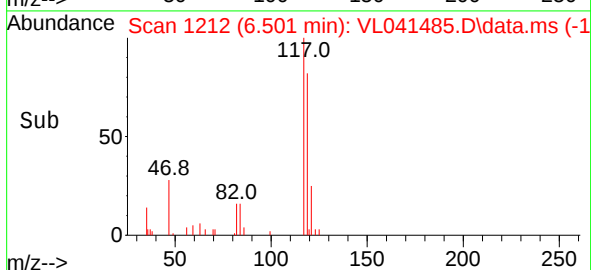
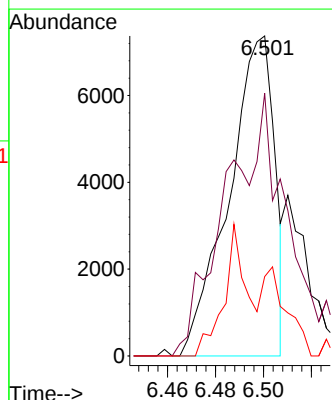
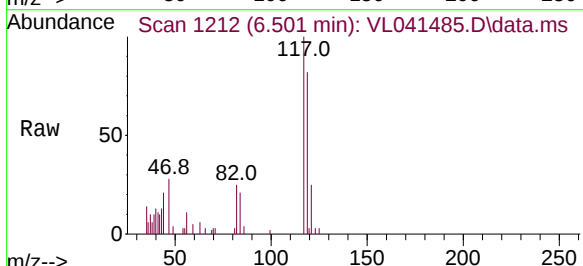
Tgt Ion: 117 Resp: 9782

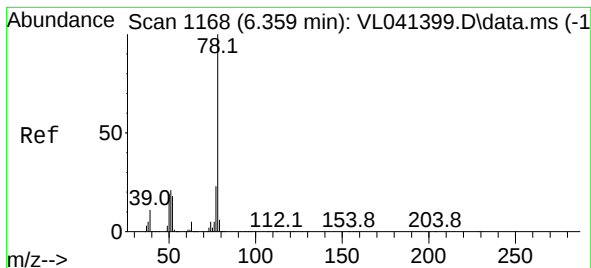
Ion Ratio Lower Upper

117 100

119 81.1 76.6 115.0

121 24.8 25.1 37.7#





#36

Benzene

Concen: 0.437 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

2ND-FLOOR

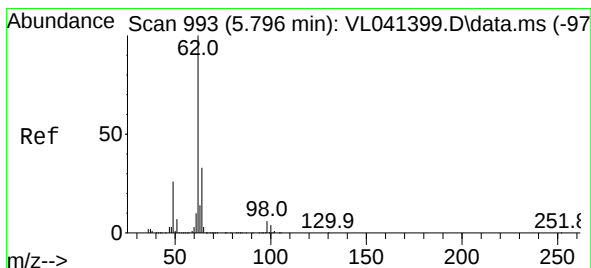
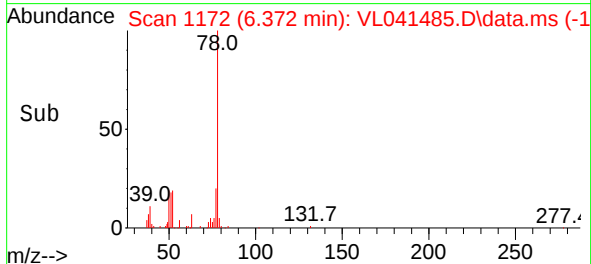
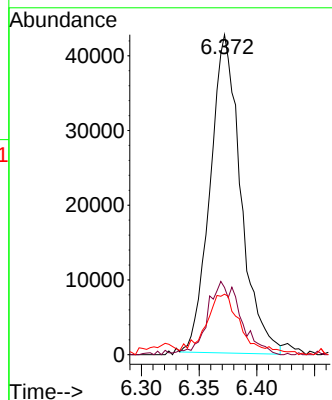
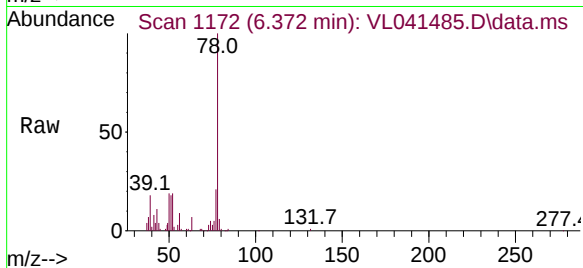
Tgt Ion: 78 Resp: 78537

Ion Ratio Lower Upper

78 100

77 21.2 18.1 27.1

50 17.7 15.5 23.3



#37

1,2-Dichloroethane

Concen: 0.059 ppbv

RT: 5.806 min Scan# 996

Delta R.T. 0.000 min

Lab File: VL041485.D

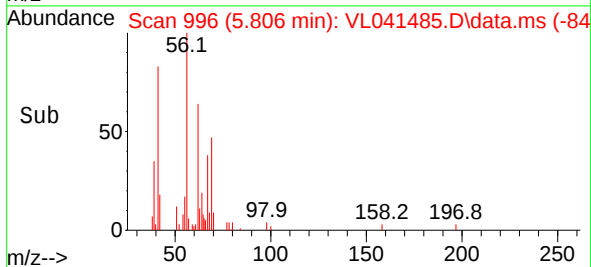
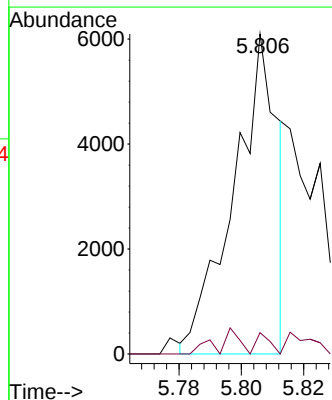
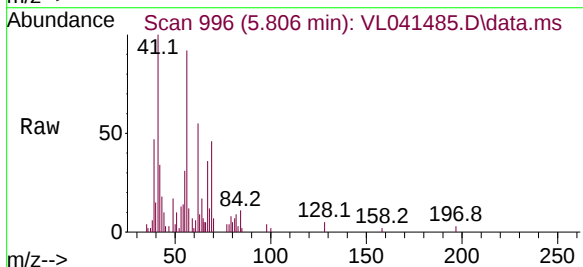
Acq: 1 Aug 2024 19:52

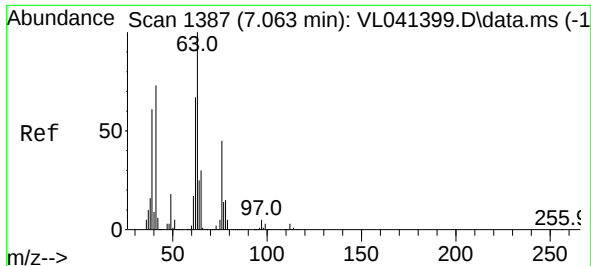
Tgt Ion: 62 Resp: 5930

Ion Ratio Lower Upper

62 100

98 10.5 5.0 7.4#





#39

1,2-Dichloropropane

Concen: 8.937 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

2ND-FLOOR

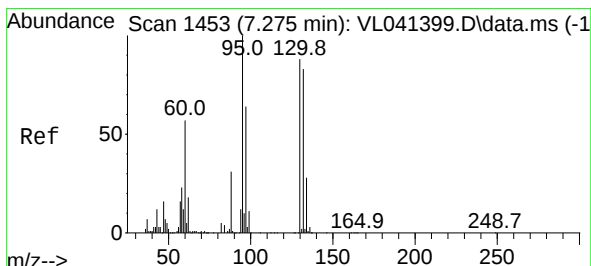
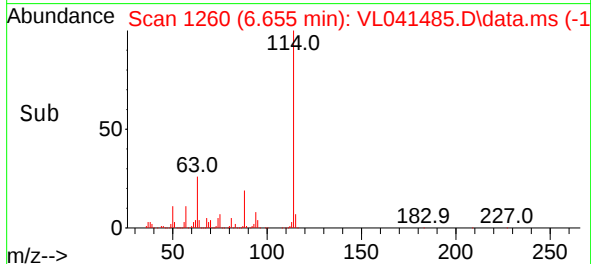
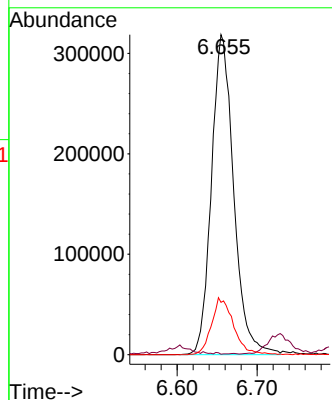
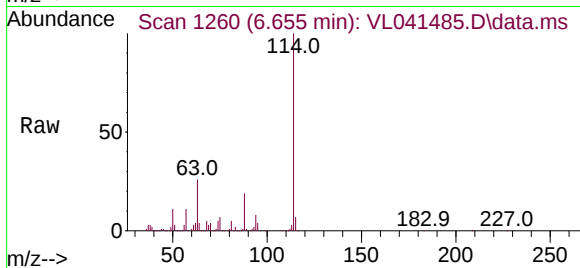
Tgt Ion: 63 Resp: 615072

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.3 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.078 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.016 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Tgt Ion: 88 Resp: 2147

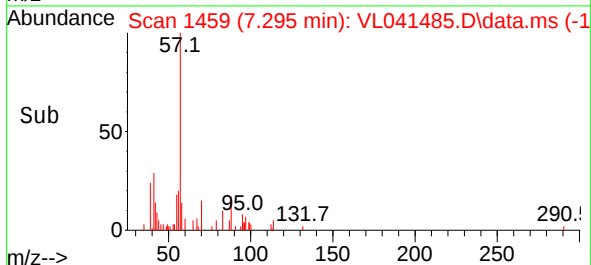
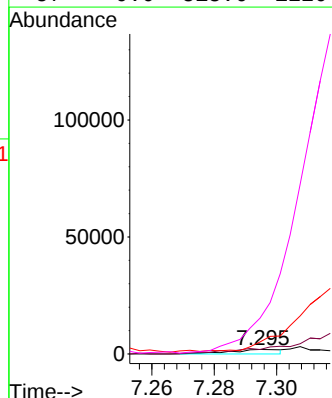
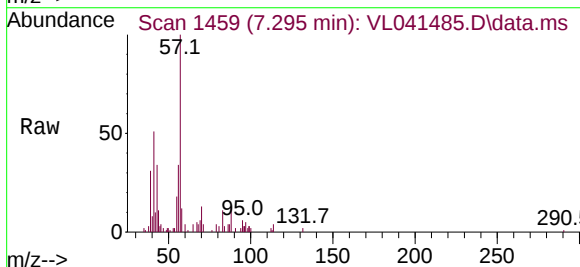
Ion Ratio Lower Upper

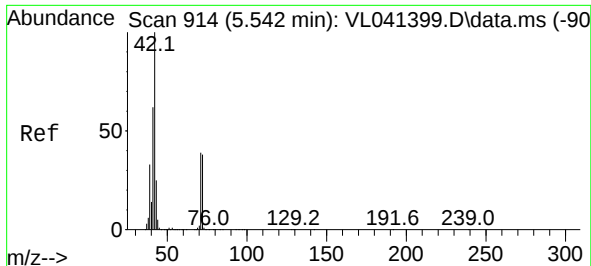
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.136 ppbv

RT: 5.549 min Scan# 914

Delta R.T. -0.003 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_1

ClientSampleId :

2ND-FLOOR

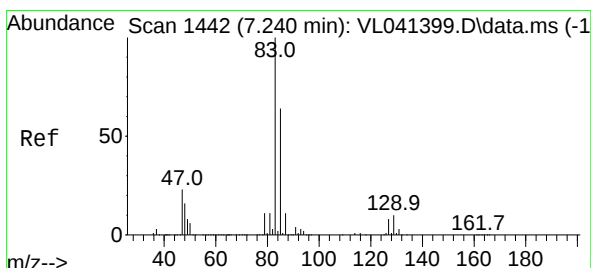
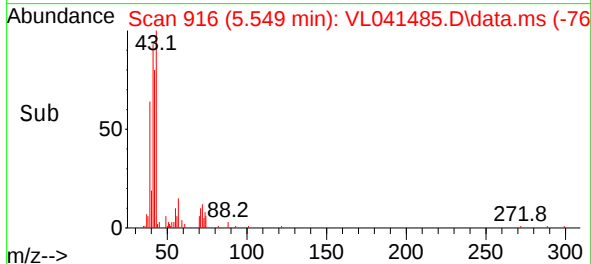
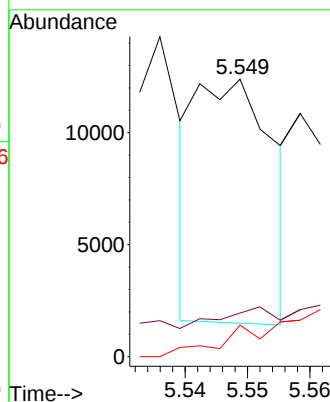
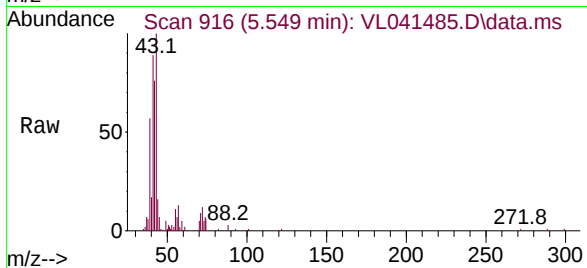
Tgt Ion: 42 Resp: 9261

Ion Ratio Lower Upper

42 100

72 0.0 31.2 46.8#

71 0.0 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.090 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.010 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

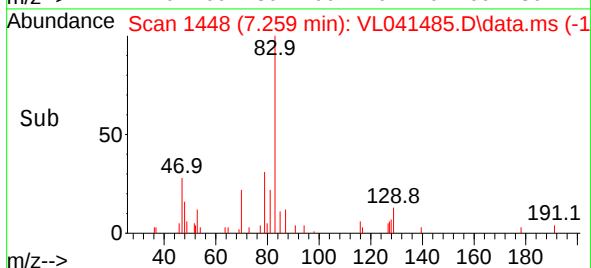
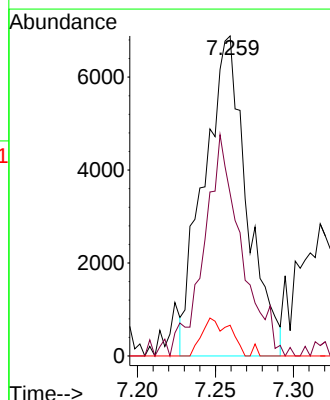
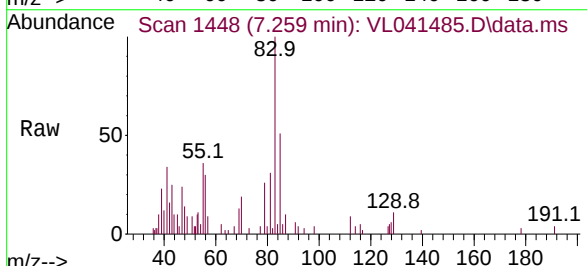
Tgt Ion: 83 Resp: 13134

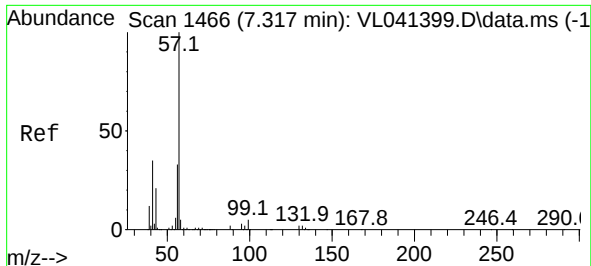
Ion Ratio Lower Upper

83 100

85 52.1 51.4 77.0

127 10.6 6.7 10.1#





#44

2,2,4-Trimethylpentane

Concen: 1.483 ppbv

RT: 7.327 min Scan# 1466

Delta R.T. 0.003 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_1

ClientSampleId :

2ND-FLOOR

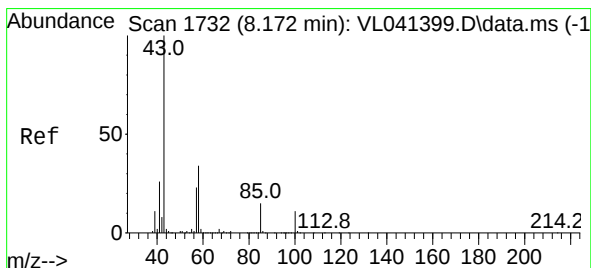
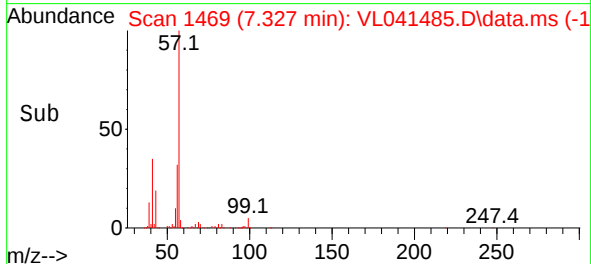
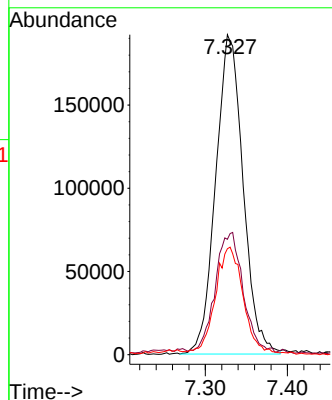
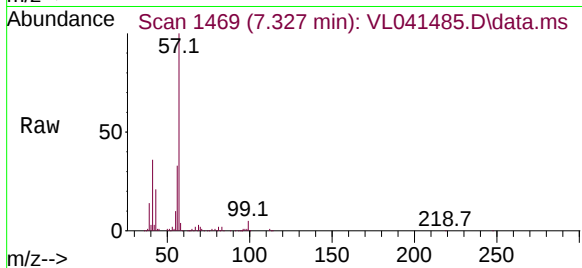
Tgt Ion: 57 Resp: 445223

Ion Ratio Lower Upper

57 100

41 42.3 27.0 40.6#

56 36.9 25.2 37.8



#50

4-Methyl-2-Pentanone

Concen: 0.040 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041485.D

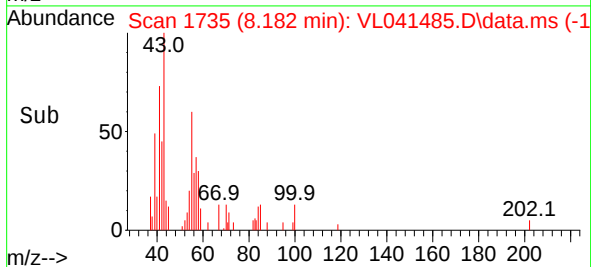
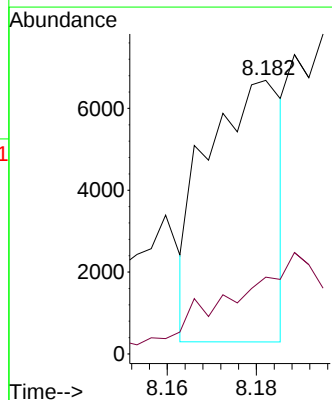
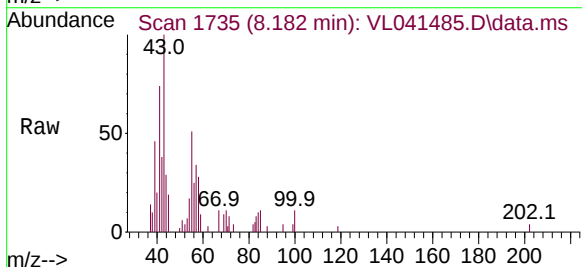
Acq: 1 Aug 2024 19:52

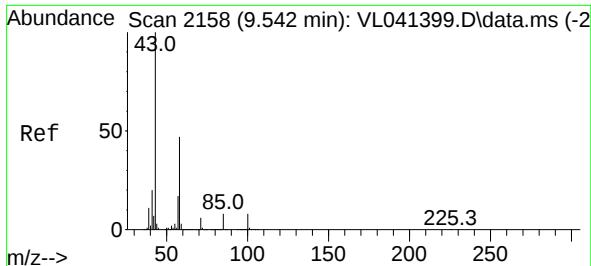
Tgt Ion: 43 Resp: 7440

Ion Ratio Lower Upper

43 100

58 93.0 27.9 41.9#

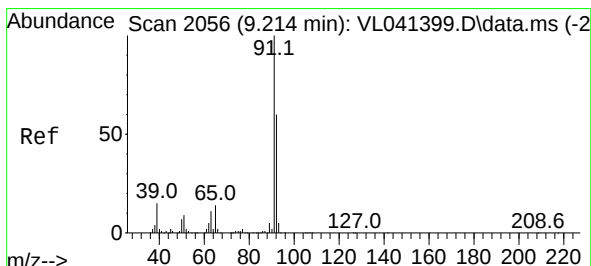
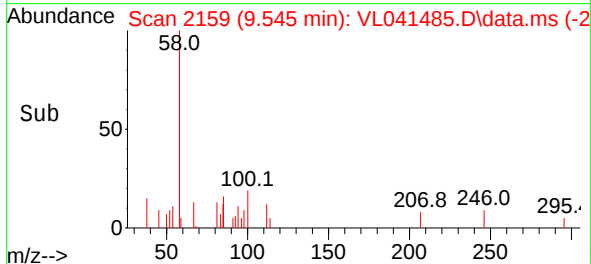
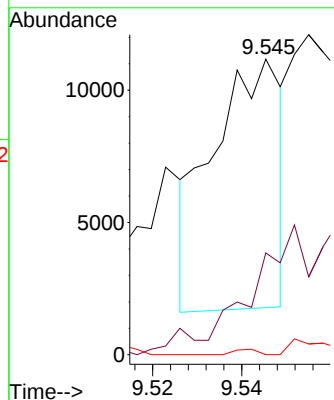
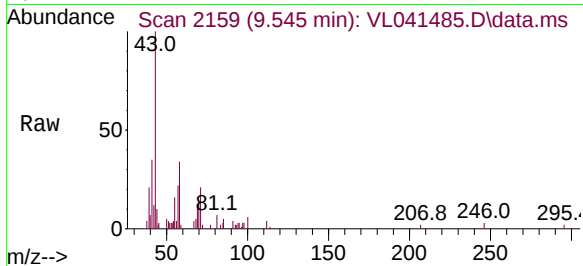




#51
2-Hexanone
Concen: 0.071 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

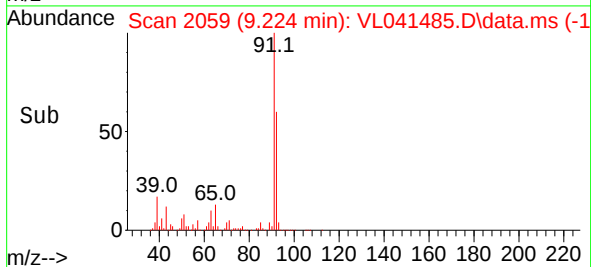
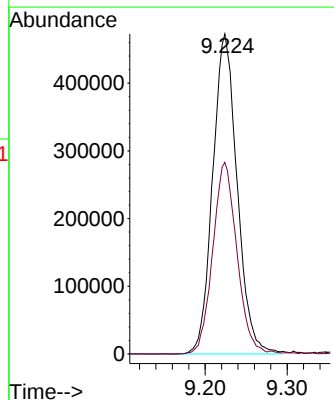
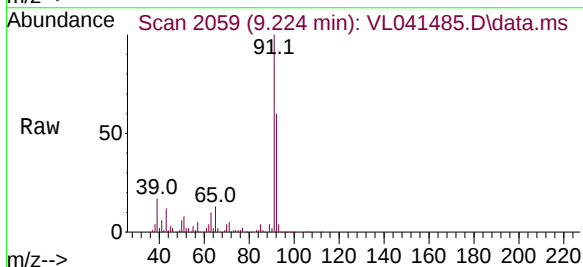
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOOR

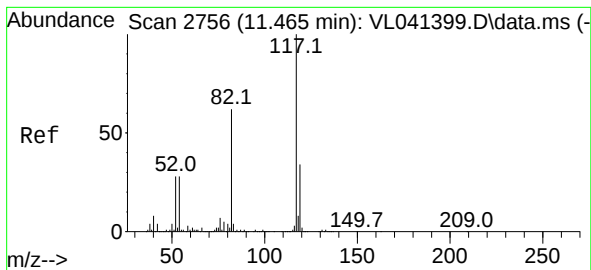
Tgt Ion: 43 Resp: 10074
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#53
Toluene
Concen: 4.886 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 91 Resp: 978439
Ion Ratio Lower Upper
91 100
92 59.8 48.7 73.1

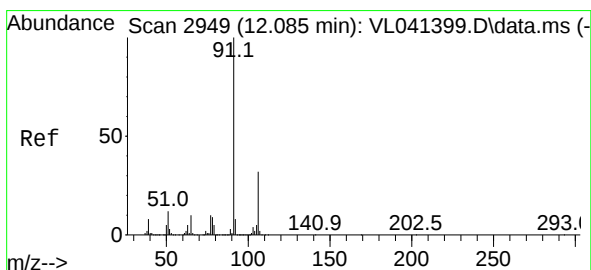
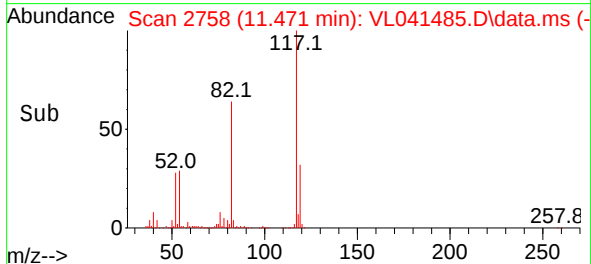
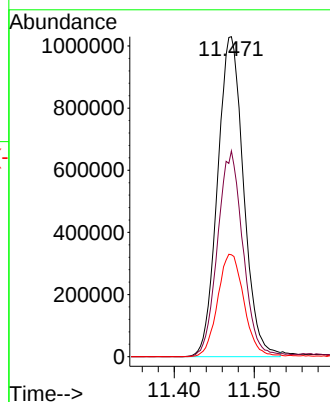
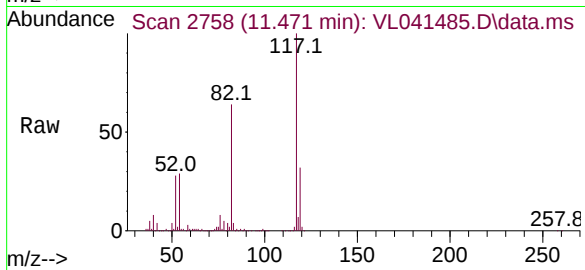




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

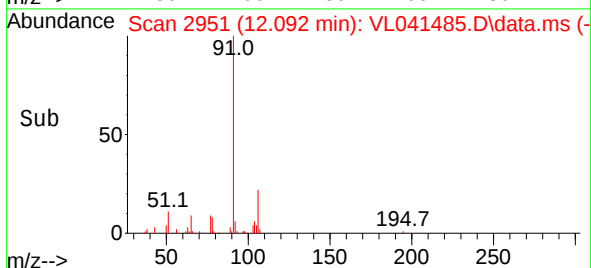
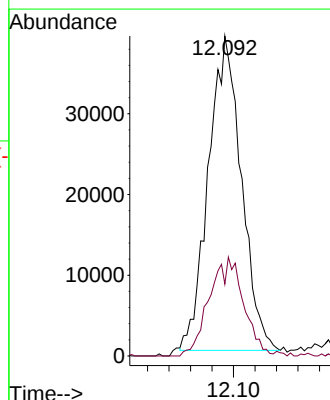
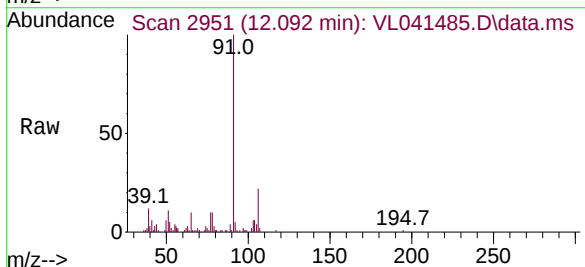
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOOR

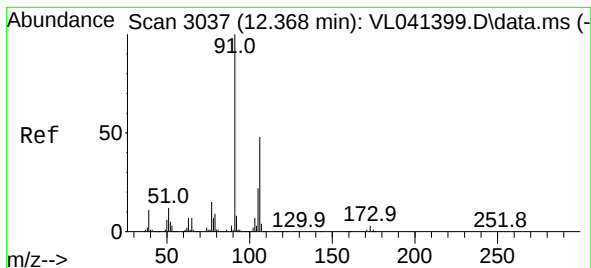
Tgt Ion:117 Resp: 2325976
Ion Ratio Lower Upper
117 100
82 63.2 51.0 76.6
119 32.6 45.2 67.8#



#58
Ethyl Benzene
Concen: 0.310 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 91 Resp: 83104
Ion Ratio Lower Upper
91 100
106 22.8 25.8 38.8#

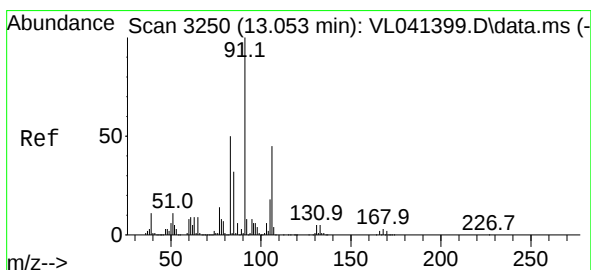
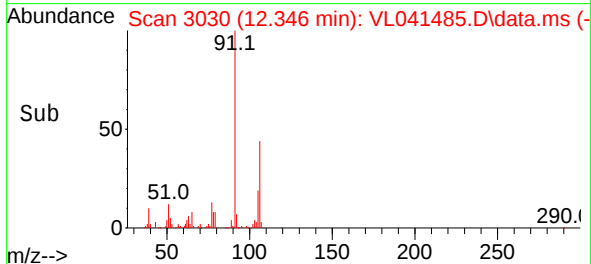
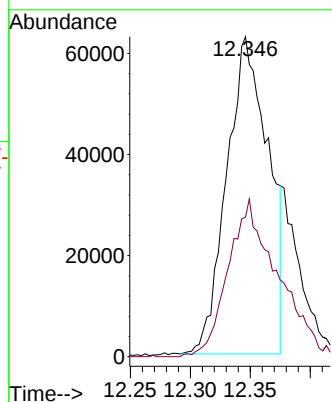
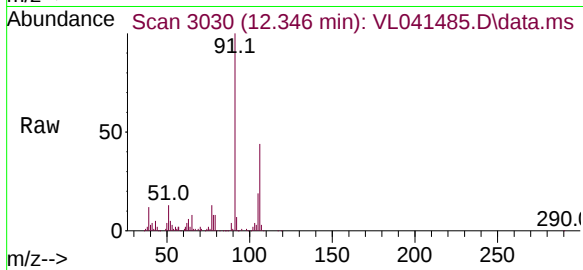




#59
m/p-Xylene
Concen: 0.654 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.022 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

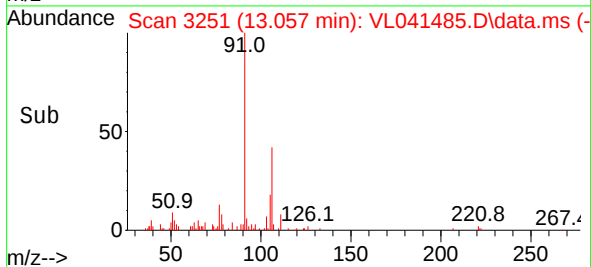
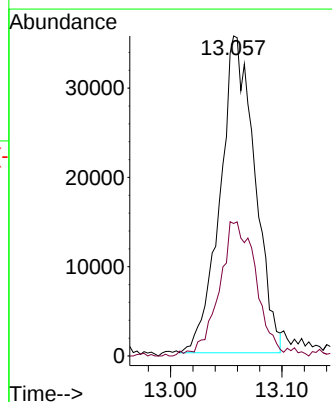
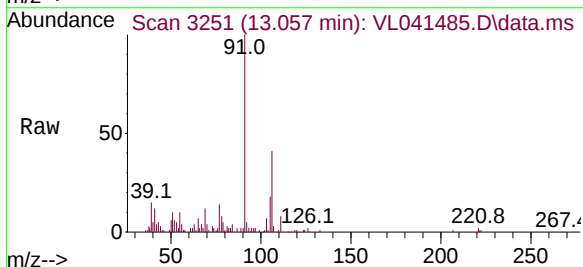
Instrument :
MSVOA_1
ClientSampleId :
2ND-FLOOR

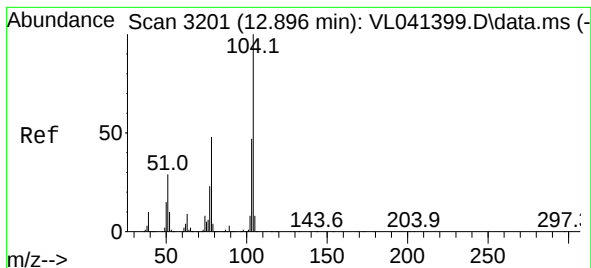
Tgt Ion: 91 Resp: 151409
Ion Ratio Lower Upper
91 100
106 59.7 36.3 54.5#



#60
o-Xylene
Concen: 0.353 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 91 Resp: 77307
Ion Ratio Lower Upper
91 100
106 45.6 23.1 69.3





#61

Styrene

Concen: 0.111 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_1

ClientSampleId :

2ND-FLOOR

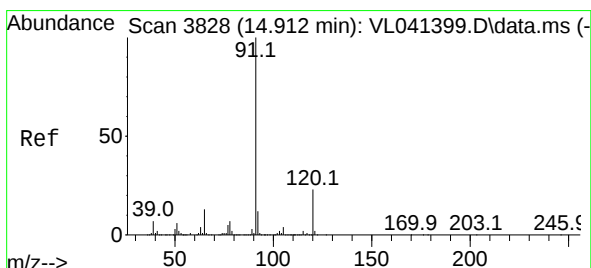
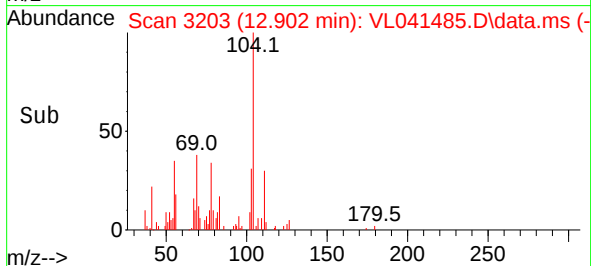
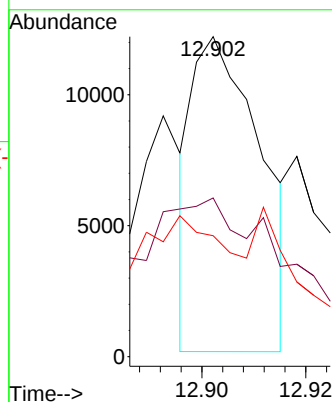
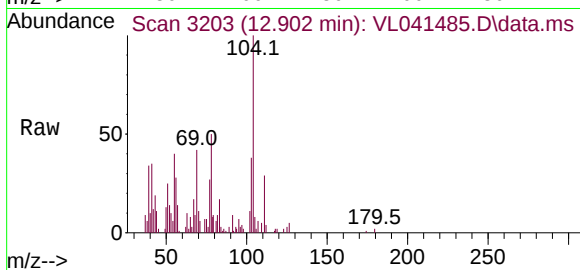
Tgt Ion:104 Resp: 10978

Ion Ratio Lower Upper

104 100

78 132.2 40.8 61.2#

103 0.0 38.2 57.4#



#64

n-propylbenzene

Concen: 0.050 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.010 min

Lab File: VL041485.D

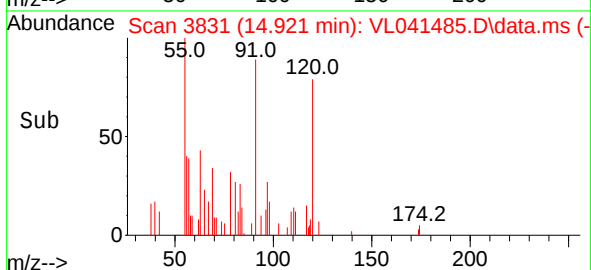
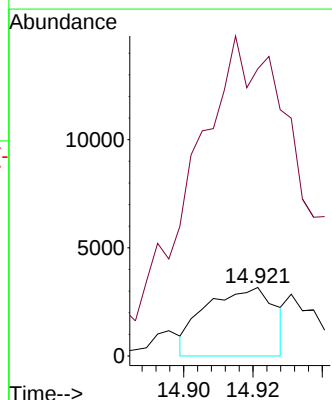
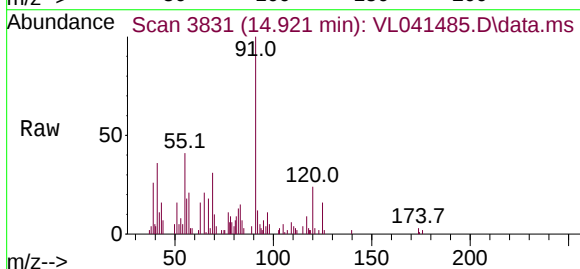
Acq: 1 Aug 2024 19:52

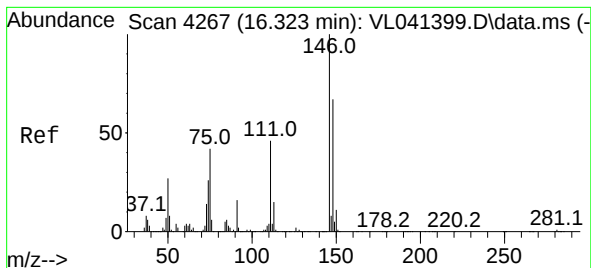
Tgt Ion:120 Resp: 4388

Ion Ratio Lower Upper

120 100

91 689.7 361.4 542.0#

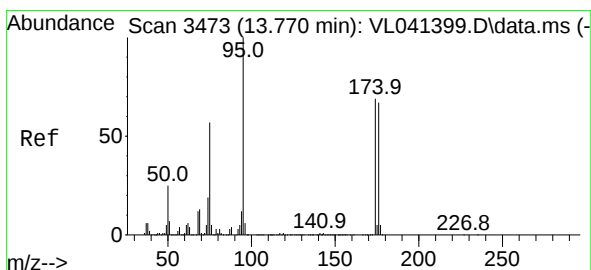
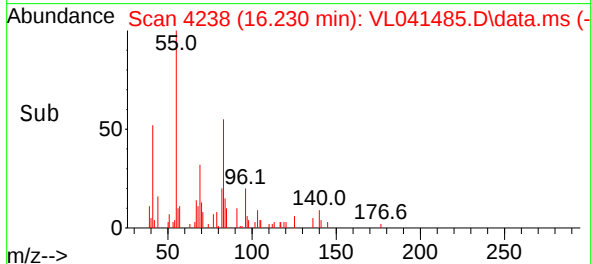
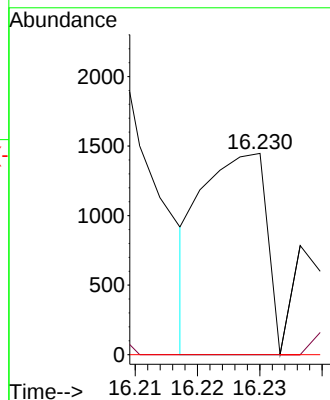
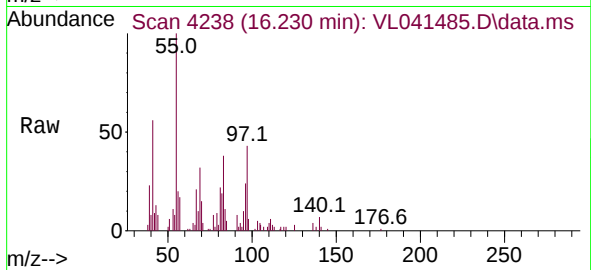




#66
Benzyl Chloride
Concen: 0.054 ppbv
RT: 16.230 min Scan# 41
Delta R.T. -0.096 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

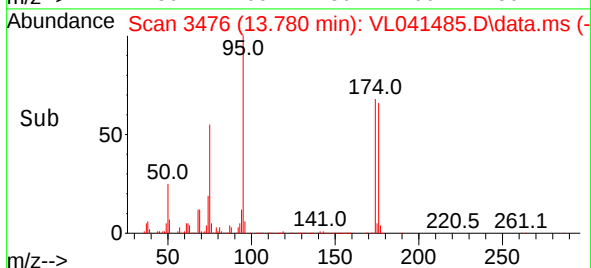
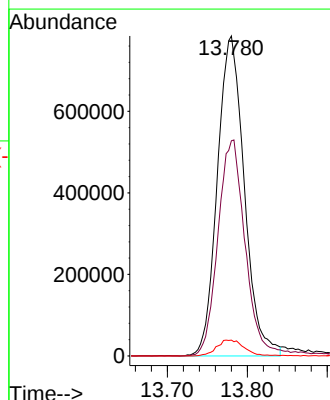
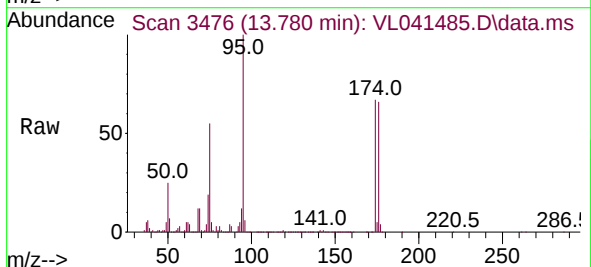
Instrument :
MSVOA_1
ClientSampleId :
2ND-FLOOR

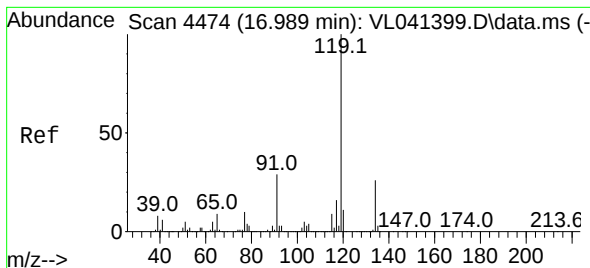
Tgt Ion: 91 Resp: 1038
Ion Ratio Lower Upper
91 100
126 14.2 13.8 20.8
128 0.0 4.4 6.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.259 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion: 95 Resp: 1836432
Ion Ratio Lower Upper
95 100
174 70.2 56.3 84.5
175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 2.660 ppbv

RT: 16.995 min Scan# 4474

Delta R.T. 0.003 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_1

ClientSampleId :

2ND-FLOOR

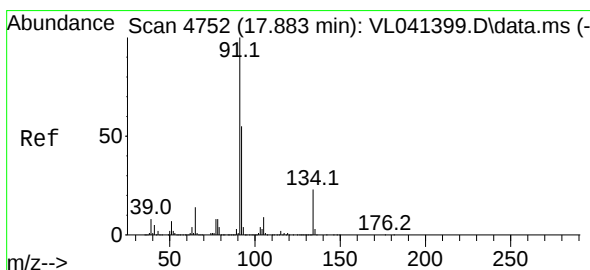
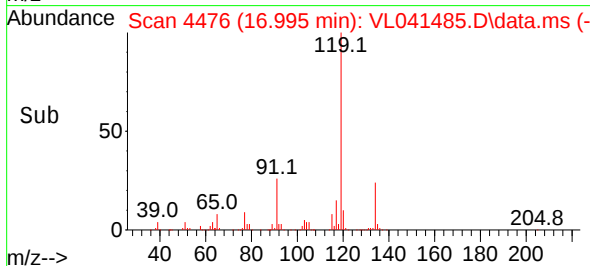
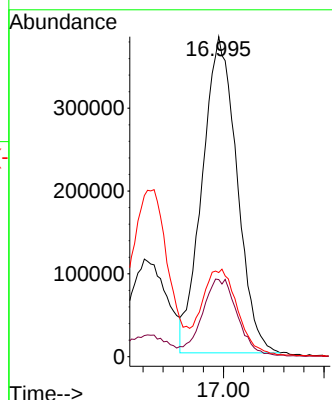
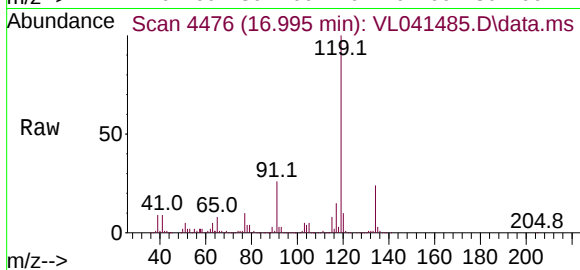
Tgt Ion:119 Resp: 914384

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

91 29.6 23.2 34.8



#70

n-Butylbenzene

Concen: 3.621 ppbv

RT: 18.043 min Scan# 4802

Delta R.T. 0.161 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

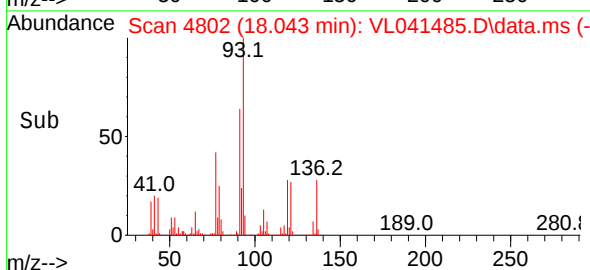
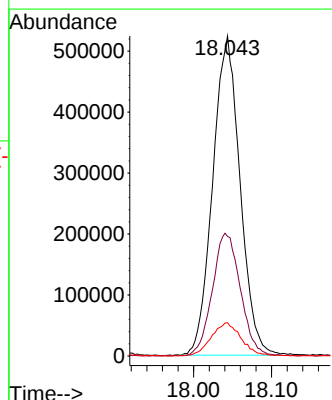
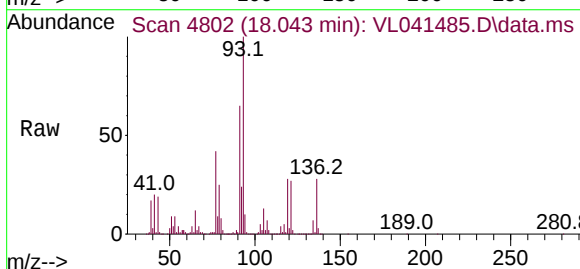
Tgt Ion: 91 Resp: 1275900

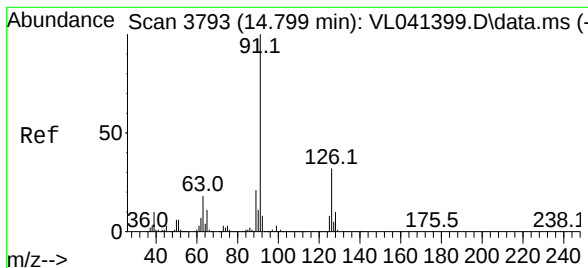
Ion Ratio Lower Upper

91 100

92 39.7 43.2 64.8#

134 11.5 18.5 27.7#

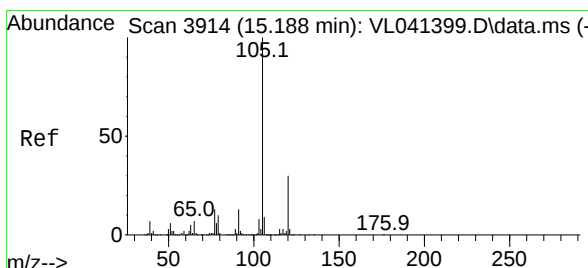
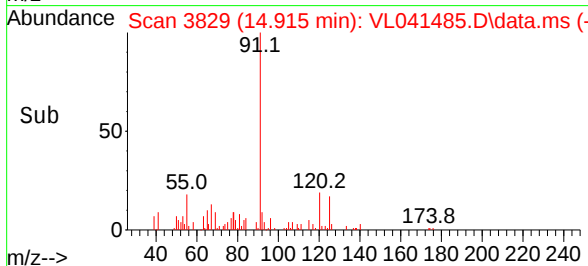
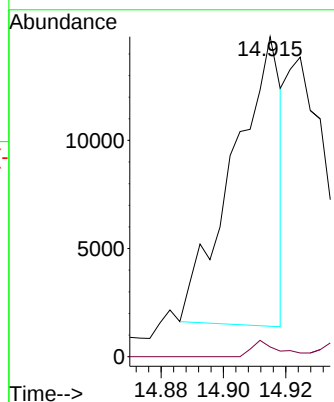
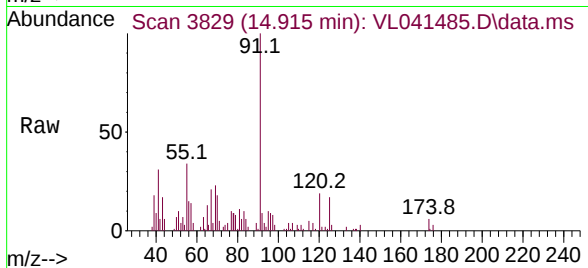




#71
2-Chlorotoluene
Concen: 0.058 ppbv
RT: 14.915 min Scan# 31
Delta R.T. 0.116 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

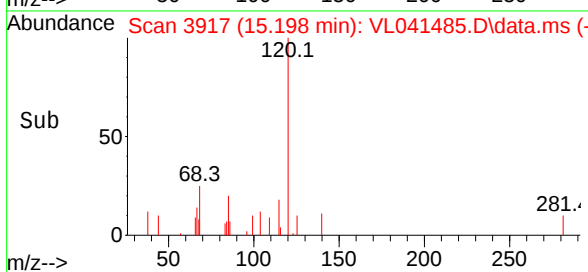
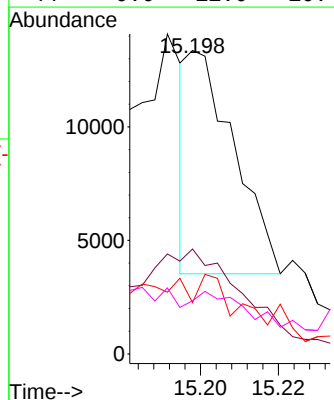
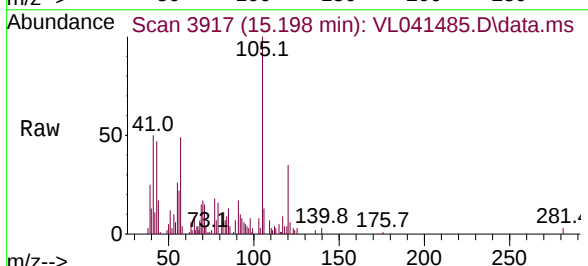
Instrument :
MSVOA_1
ClientSampleId :
2ND-FLOOR

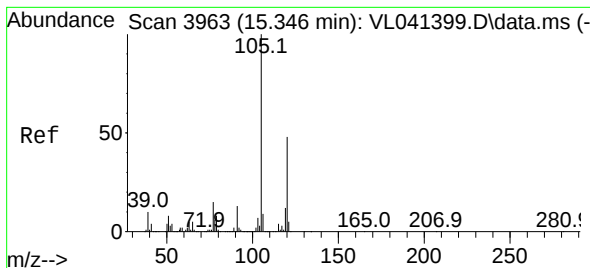
Tgt Ion: 91 Resp: 14246
Ion Ratio Lower Upper
91 100
126 10.1 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.031 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.006 min
Lab File: VL041485.D
Acq: 1 Aug 2024 19:52

Tgt Ion:105 Resp: 8118
Ion Ratio Lower Upper
105 100
120 137.4 24.2 36.2#
91 0.0 10.4 15.6#
77 0.0 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.174 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_1

ClientSampleId :

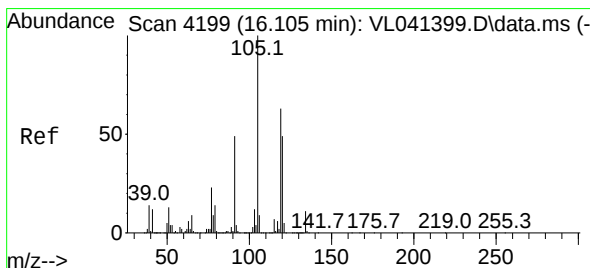
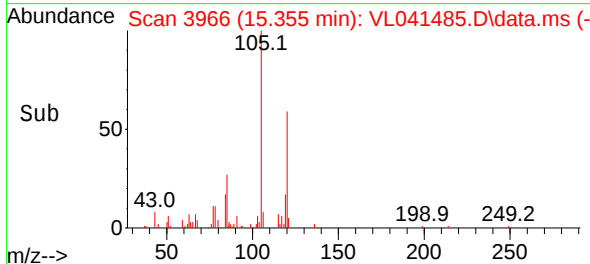
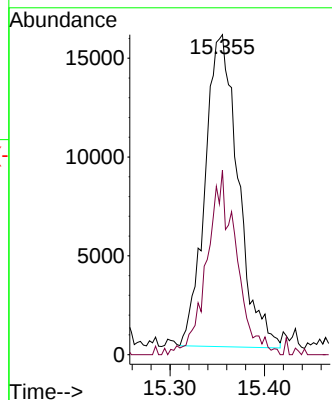
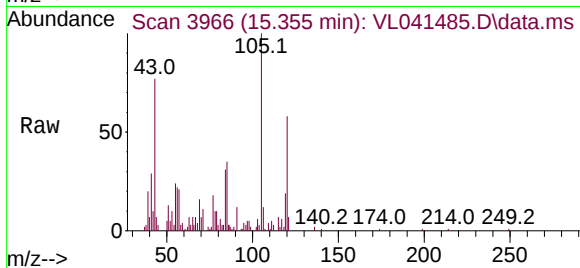
2ND-FLOOR

Tgt Ion:105 Resp: 38578

Ion Ratio Lower Upper

105 100

120 59.3 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.497 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL041485.D

Acq: 1 Aug 2024 19:52

Tgt Ion:105 Resp: 128408

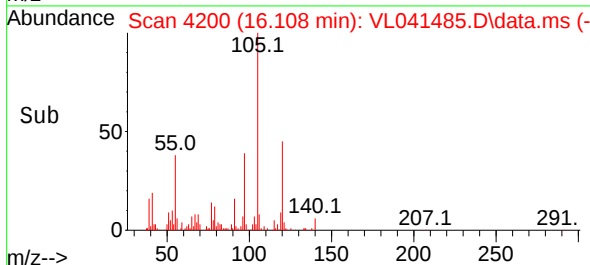
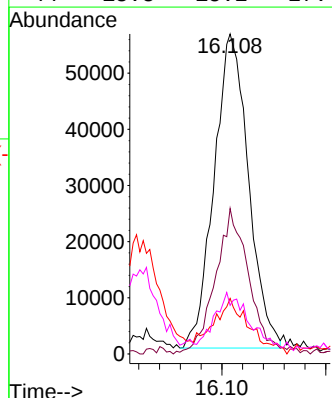
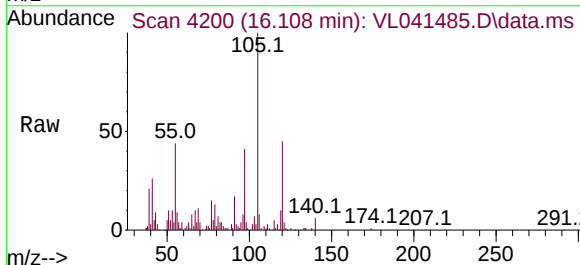
Ion Ratio Lower Upper

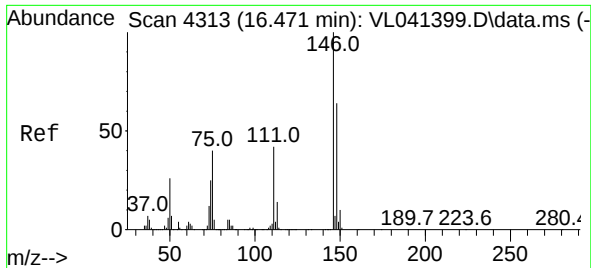
105 100

120 45.8 39.5 59.3

91 15.3 39.8 59.8#

77 13.3 18.2 27.4#





#76

1,4-Dichlorobenzene

Concen: 0.101 ppbv

RT: 16.474 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041485.D

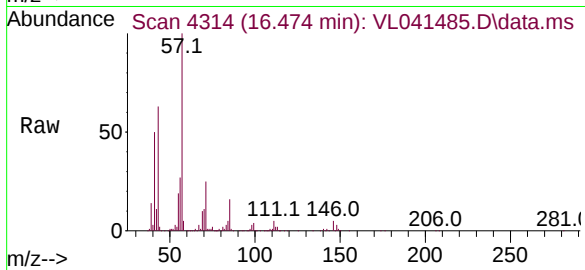
Acq: 1 Aug 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :

2ND-FLOOR



Tgt Ion:146 Resp: 15934

Ion Ratio Lower Upper

146 100

111 158.7 22.4 67.0#

148 98.1 33.1 99.5

