

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041480.D
 Acq On : 1 Aug 2024 16:17
 Operator : SY/MD
 Sample : P3445-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOORDL

Quant Time: Aug 02 04:12:22 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	938419	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2483828	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2259058	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1730652	9.955	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

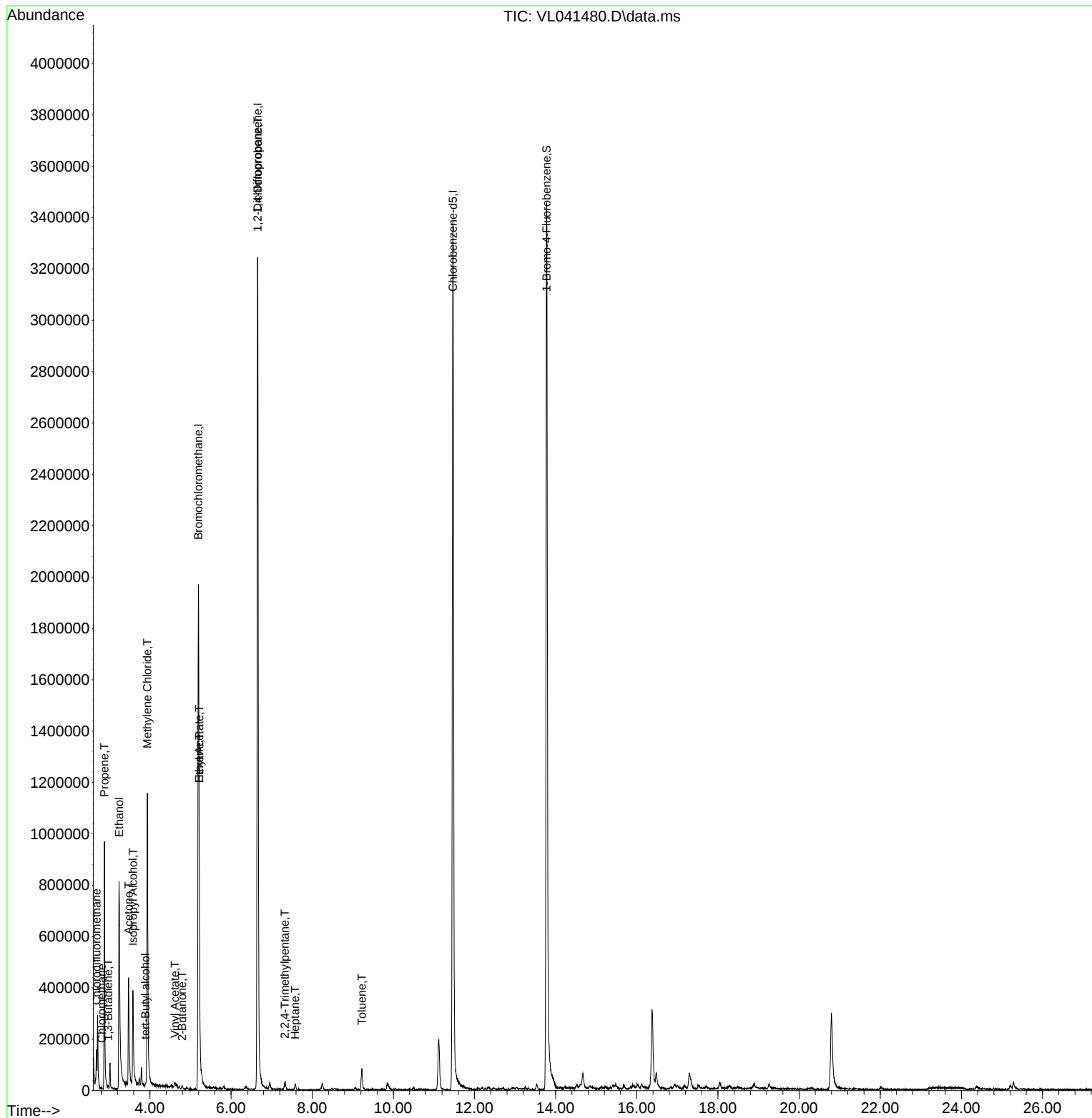
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.681	51	154286	1.381	ppbv	95
4) Chloromethane	2.813	50	2354	0.040	ppbv #	77
9) Propene	2.877	41	262554	5.116	ppbv	92
10) Heptane	7.581	43	4017	0.035	ppbv #	14
13) Ethanol	3.240	45	955665	208.352	ppbv	97
15) Acetone	3.475	43	433146	4.062	ppbv	98
16) 1,3-Butadiene	2.970	39	3098	0.054	ppbv #	27
17) tert-Butyl alcohol	3.886	59	3188	0.033	ppbv #	72
19) Isopropyl Alcohol	3.581	45	388259	6.229	ppbv #	96
20) Methylene Chloride	3.938	84	378226	9.513	ppbv	96
23) Vinyl Acetate	4.616	43	3038	0.037	ppbv #	9
25) Ethyl Acetate	5.214	43	150019	0.708	ppbv #	83
26) Hexane	5.214	57	175979	2.003	ppbv #	44
34) 2-Butanone	4.793	43	8964	0.075	ppbv #	41
39) 1,2-Dichloropropane	6.652	63	620555	8.931	ppbv #	25
44) 2,2,4-Trimethylpentane	7.327	57	12591	0.042	ppbv #	17
53) Toluene	9.221	91	29647	0.147	ppbv #	20

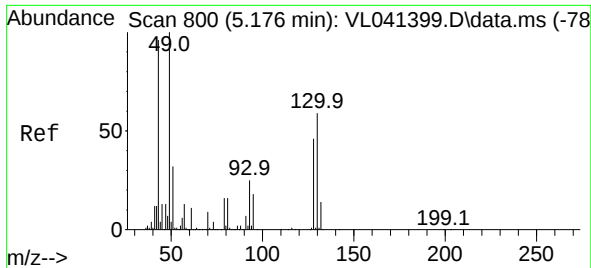
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
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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

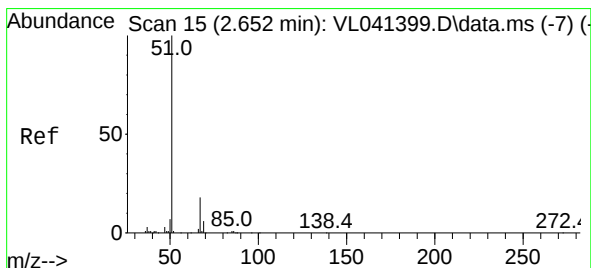
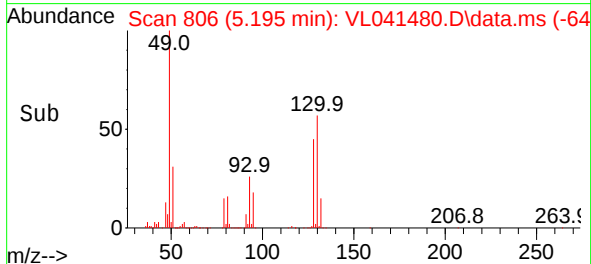
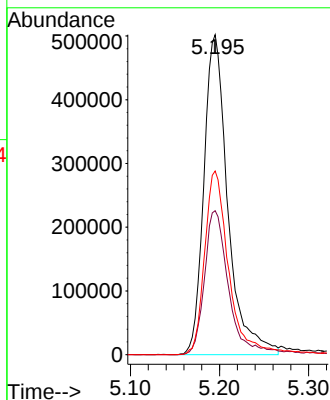
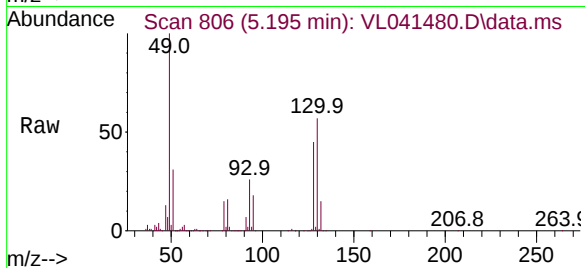




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041480.D
Acq: 1 Aug 2024 16:17

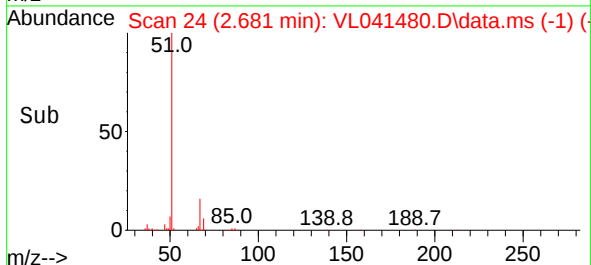
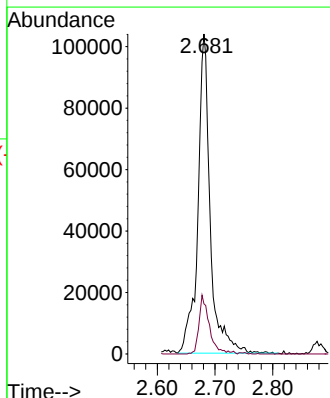
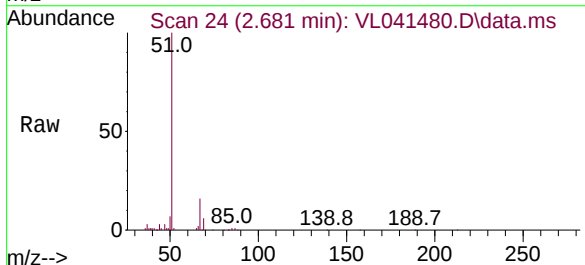
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL

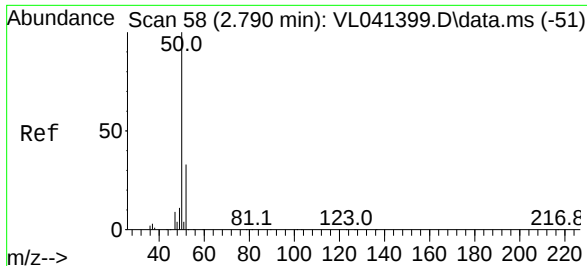
Tgt Ion: 49 Resp: 938419
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 59.0 30.8 92.4



#3
Chlorodifluoromethane
Concen: 1.381 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL041480.D
Acq: 1 Aug 2024 16:17

Tgt Ion: 51 Resp: 154286
Ion Ratio Lower Upper
51 100
67 15.8 14.5 21.7

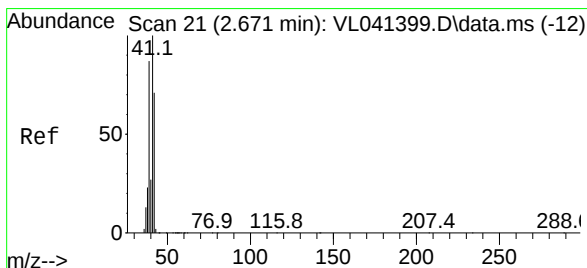
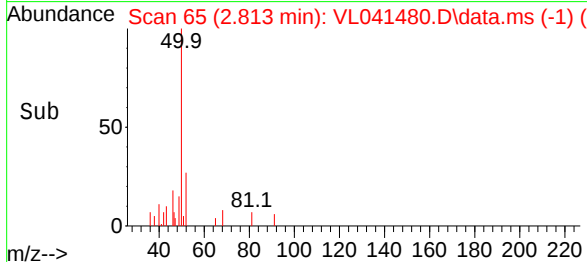
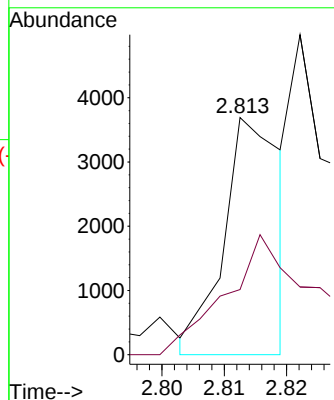
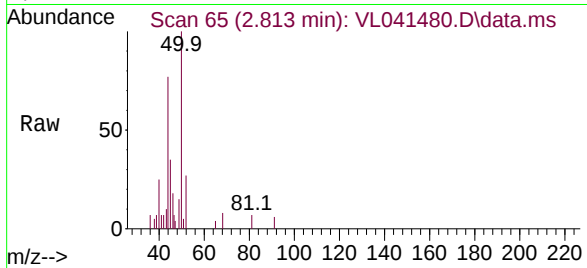




#4
Chloromethane
Concen: 0.040 ppbv
RT: 2.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL041480.D
Acq: 1 Aug 2024 16:17

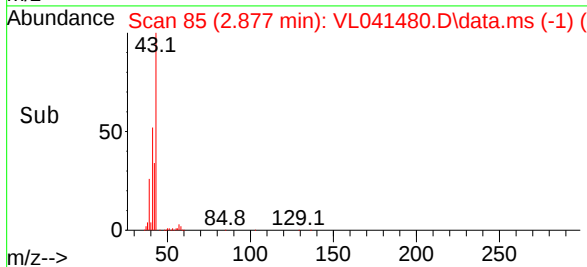
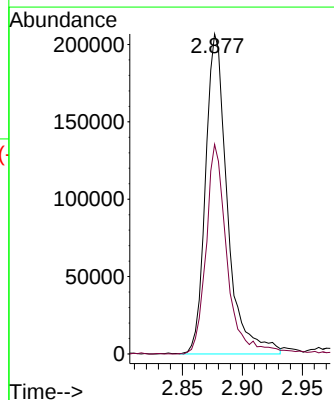
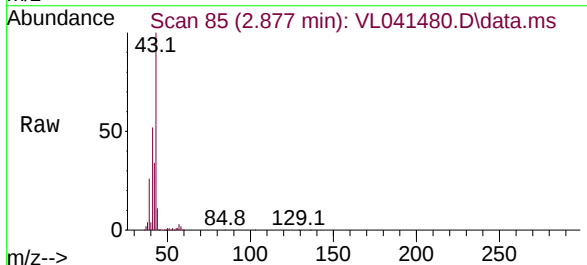
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL

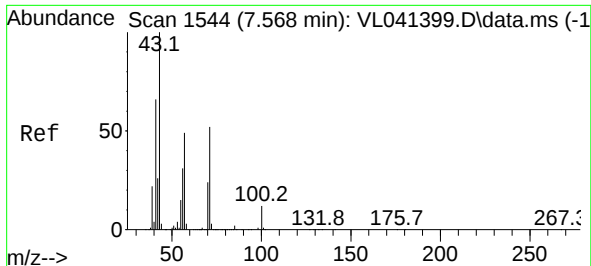
Tgt Ion: 50 Resp: 2354
Ion Ratio Lower Upper
50 100
52 19.6 26.1 39.1#



#9
Propene
Concen: 5.116 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.183 min
Lab File: VL041480.D
Acq: 1 Aug 2024 16:17

Tgt Ion: 41 Resp: 262554
Ion Ratio Lower Upper
41 100
42 63.5 55.9 83.9





#10

Heptane

Concen: 0.035 ppbv

RT: 7.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

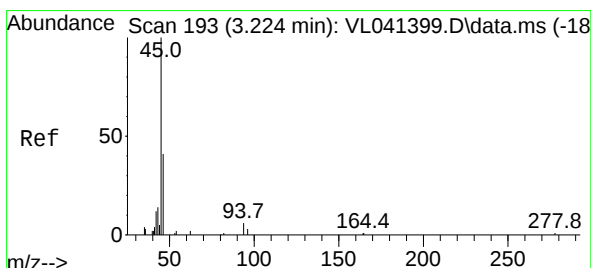
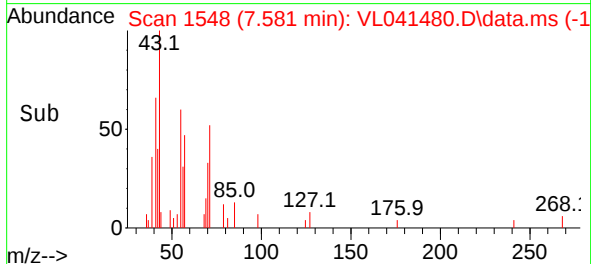
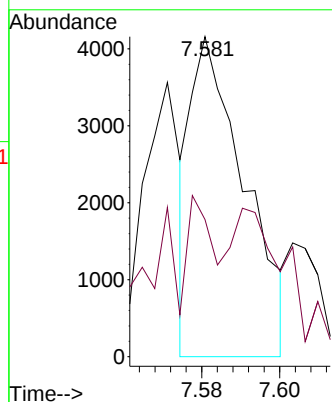
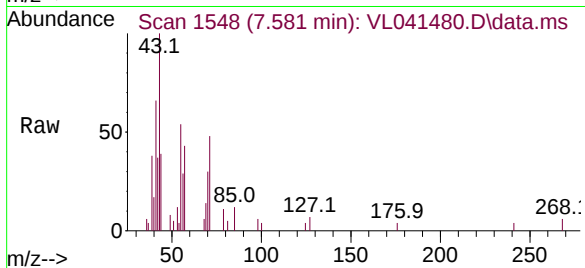
1ST-FLOORDL

Tgt Ion: 43 Resp: 4017

Ion Ratio Lower Upper

43 100

57 110.0 40.5 60.7#



#13

Ethanol

Concen: 208.352 ppbv

RT: 3.240 min Scan# 198

Delta R.T. -0.006 min

Lab File: VL041480.D

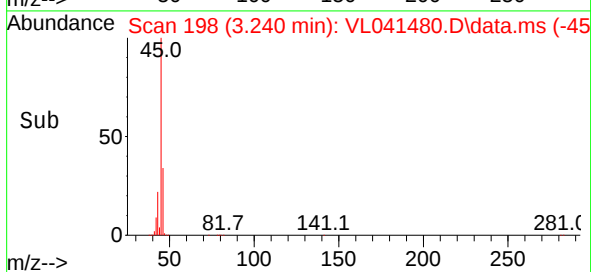
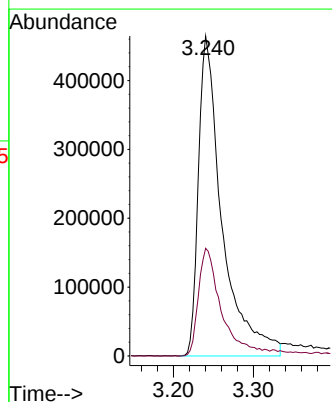
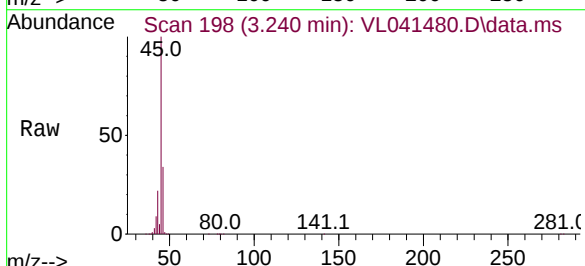
Acq: 1 Aug 2024 16:17

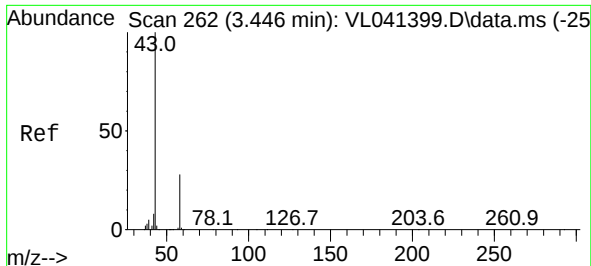
Tgt Ion: 45 Resp: 955665

Ion Ratio Lower Upper

45 100

46 35.1 13.4 53.4





#15

Acetone

Concen: 4.062 ppbv

RT: 3.475 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

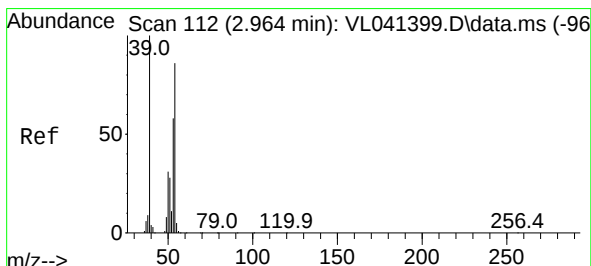
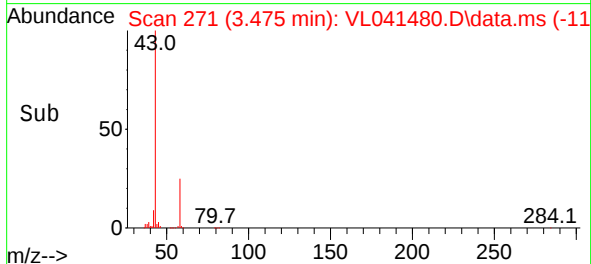
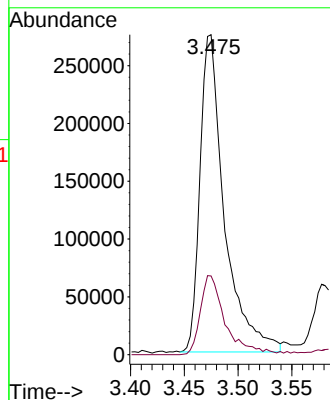
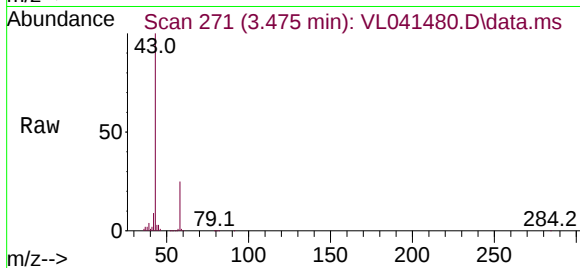
1ST-FLOORDL

Tgt Ion: 43 Resp: 433146

Ion Ratio Lower Upper

43 100

58 25.6 21.4 32.2



#16

1,3-Butadiene

Concen: 0.054 ppbv

RT: 2.970 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL041480.D

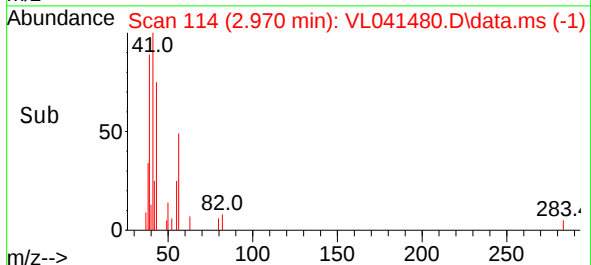
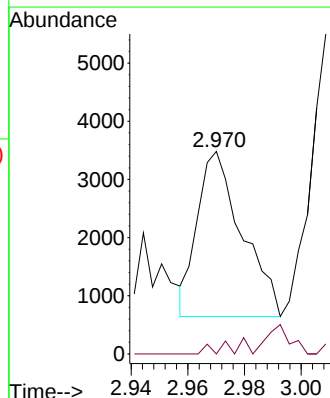
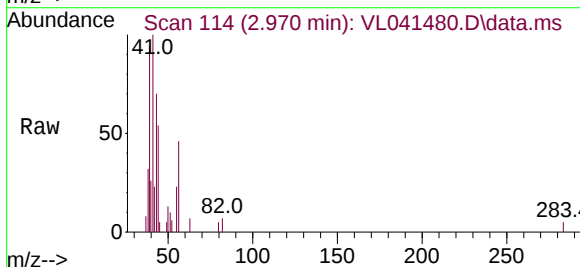
Acq: 1 Aug 2024 16:17

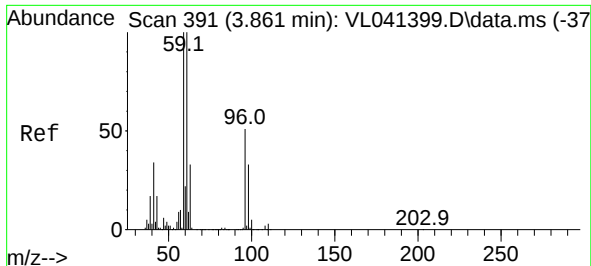
Tgt Ion: 39 Resp: 3098

Ion Ratio Lower Upper

39 100

54 14.4 62.5 93.7#

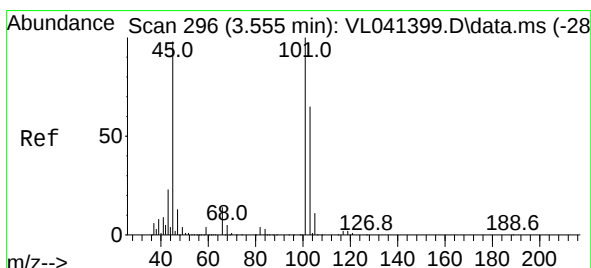
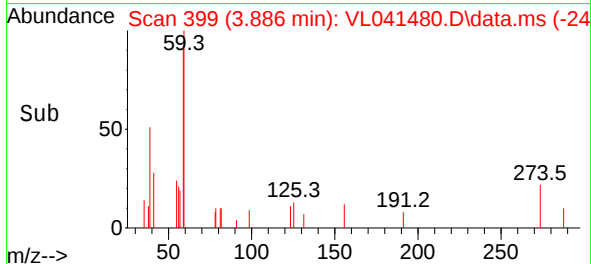
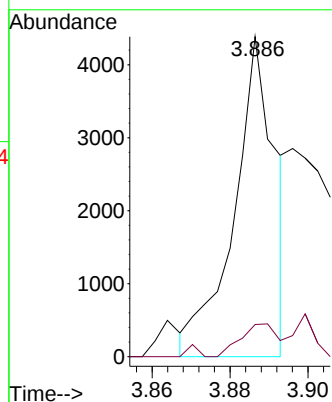
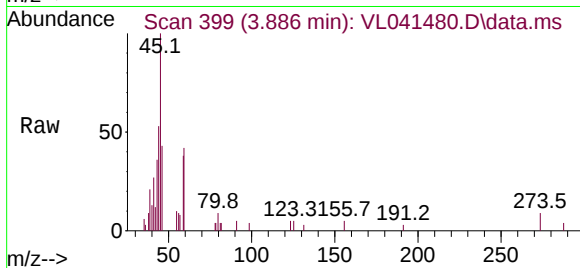




#17
tert-Butyl alcohol
Concen: 0.033 ppbv
RT: 3.886 min Scan# 304
Delta R.T. 0.013 min
Lab File: VL041480.D
Acq: 1 Aug 2024 16:17

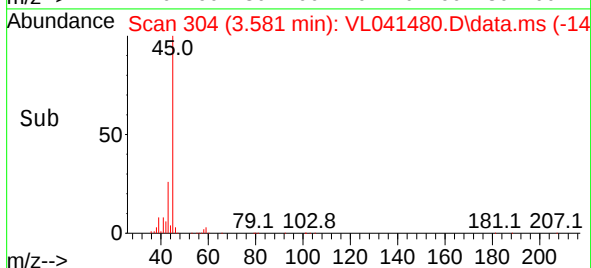
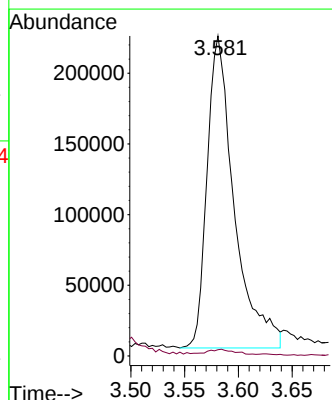
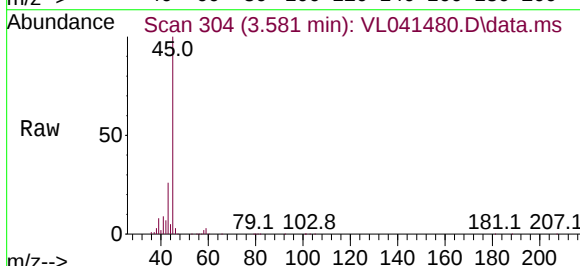
Instrument :
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ClientSampleId :
1ST-FLOORDL

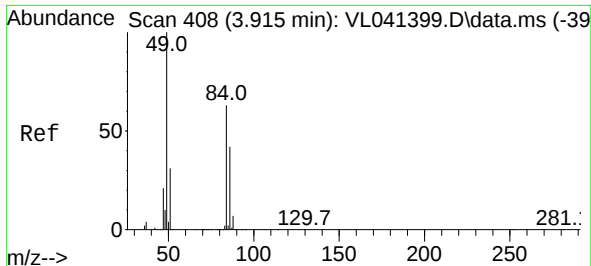
Tgt Ion: 59 Resp: 3188
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#19
Isopropyl Alcohol
Concen: 6.229 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.006 min
Lab File: VL041480.D
Acq: 1 Aug 2024 16:17

Tgt Ion: 45 Resp: 388259
Ion Ratio Lower Upper
45 100
58 3.6 1.9 2.9#





#20

Methylene Chloride

Concen: 9.513 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.006 min

Lab File: VL041480.D

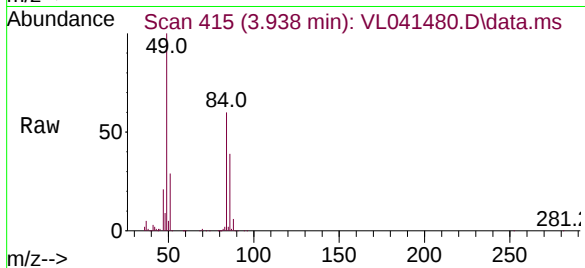
Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL



Tgt Ion: 84 Resp: 378226

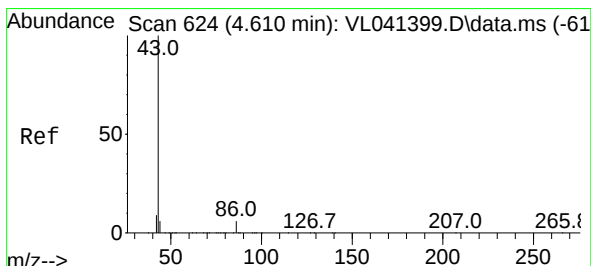
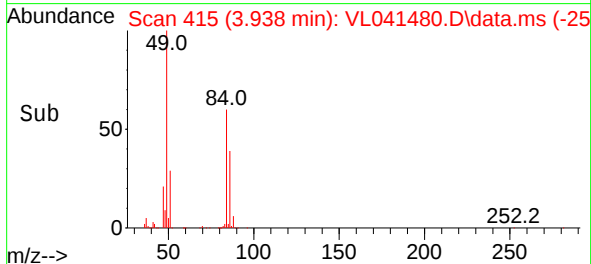
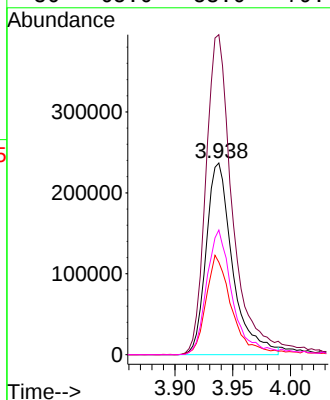
Ion Ratio Lower Upper

84 100

49 166.9 126.6 190.0

51 48.1 38.6 58.0

86 65.0 53.0 79.4



#23

Vinyl Acetate

Concen: 0.037 ppbv

RT: 4.616 min Scan# 626

Delta R.T. -0.010 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Tgt Ion: 43 Resp: 3038

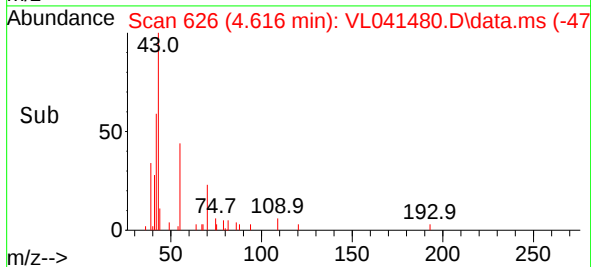
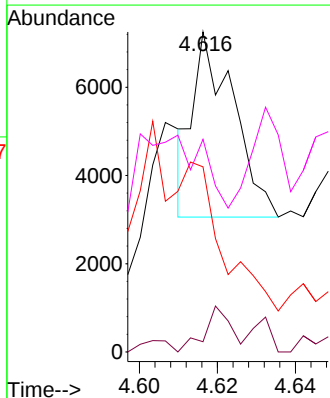
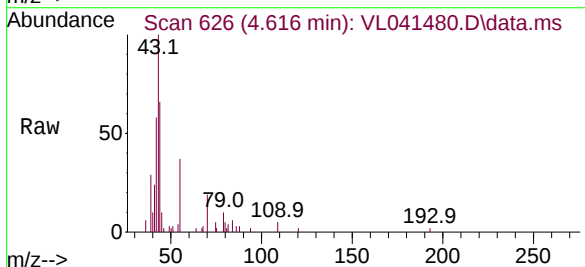
Ion Ratio Lower Upper

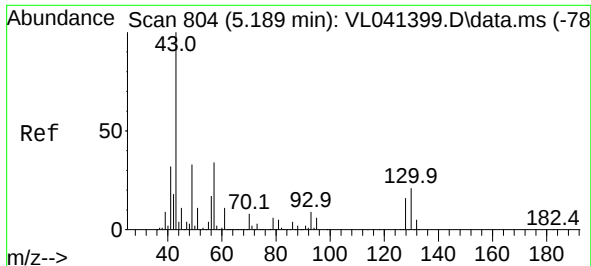
43 100

86 5.5 4.6 6.8

42 77.9 7.9 11.9#

44 0.0 4.2 6.4#





#25

Ethyl Acetate

Concen: 0.708 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.013 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL

Tgt Ion: 43 Resp: 150019

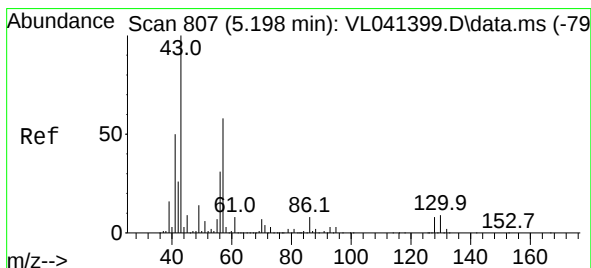
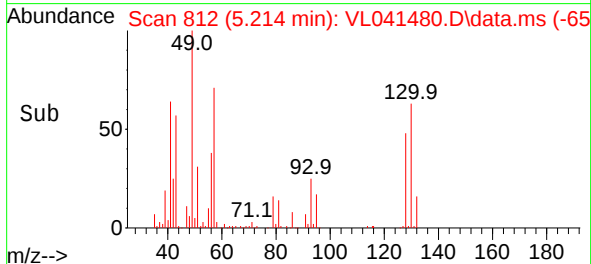
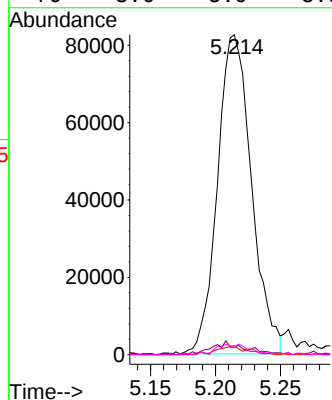
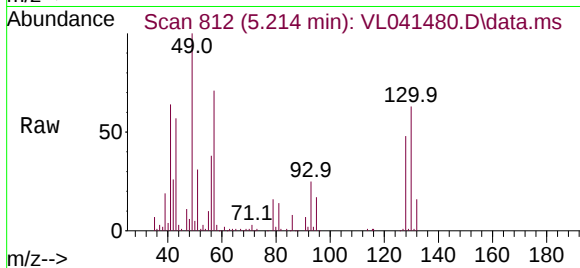
Ion Ratio Lower Upper

43 100

45 4.3 8.5 12.7#

61 2.4 8.0 12.0#

70 3.6 5.9 8.9#



#26

Hexane

Concen: 2.003 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Tgt Ion: 57 Resp: 175979

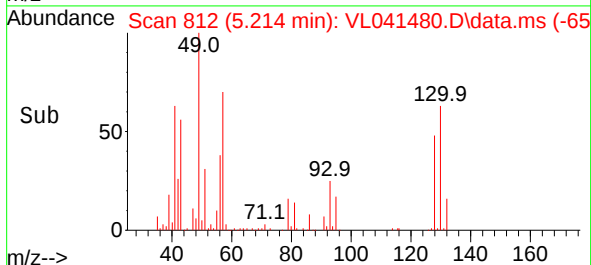
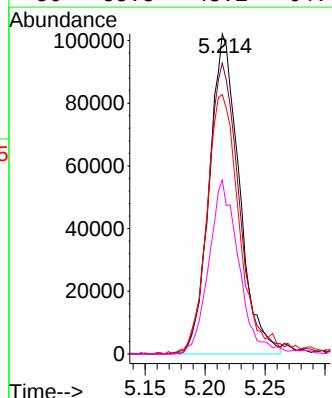
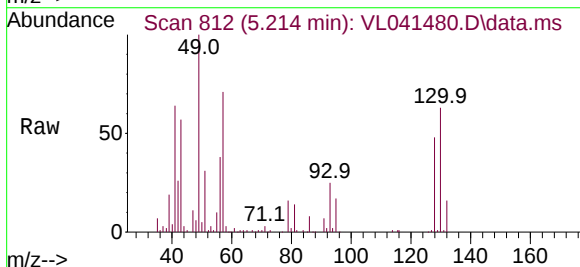
Ion Ratio Lower Upper

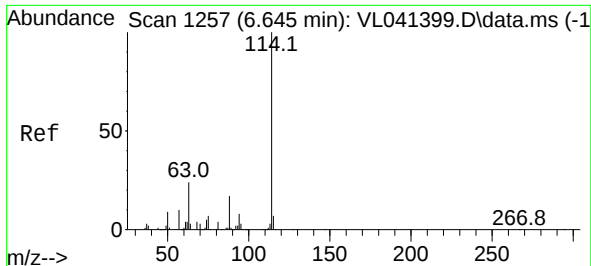
57 100

41 97.6 74.0 111.0

43 92.3 193.6 290.4#

56 55.3 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL

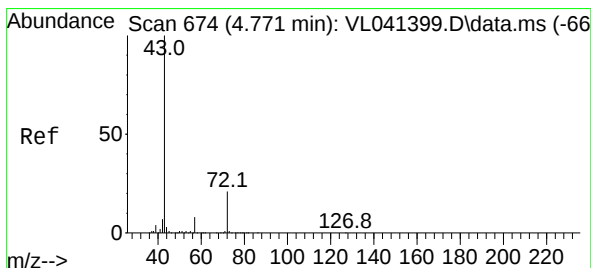
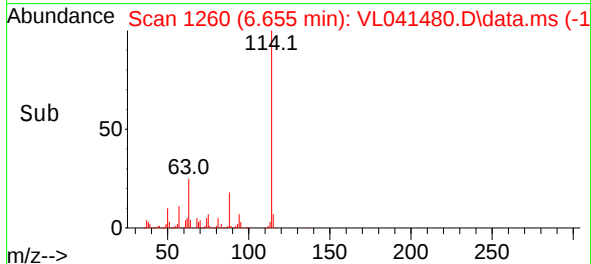
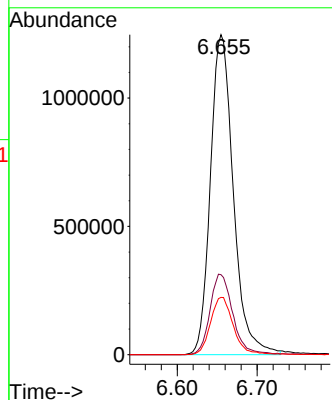
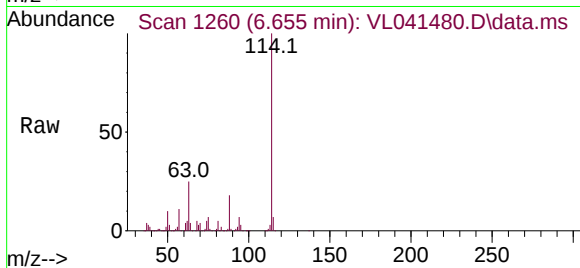
Tgt Ion:114 Resp: 2483828

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.075 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.010 min

Lab File: VL041480.D

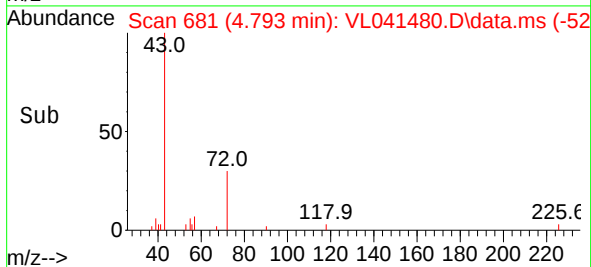
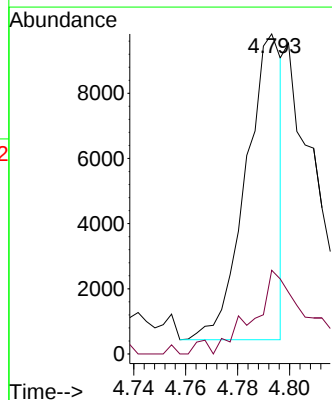
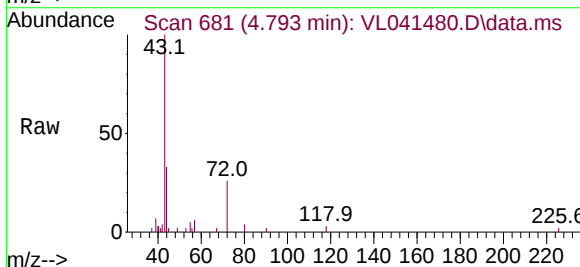
Acq: 1 Aug 2024 16:17

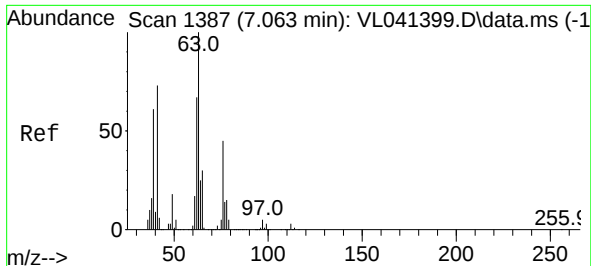
Tgt Ion: 43 Resp: 8964

Ion Ratio Lower Upper

43 100

72 49.3 17.3 25.9#





#39

1,2-Dichloropropane

Concen: 8.931 ppbv

RT: 6.652 min Scan# 1469

Delta R.T. -0.418 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL

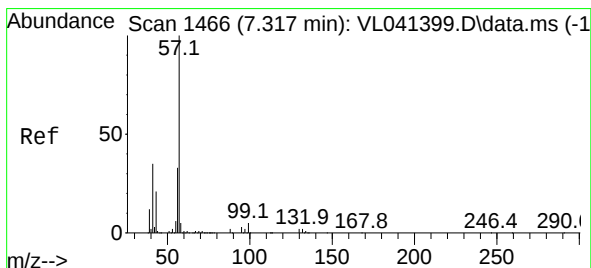
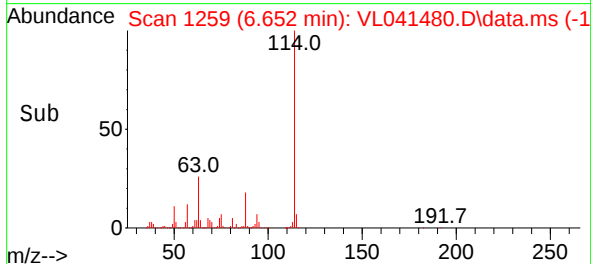
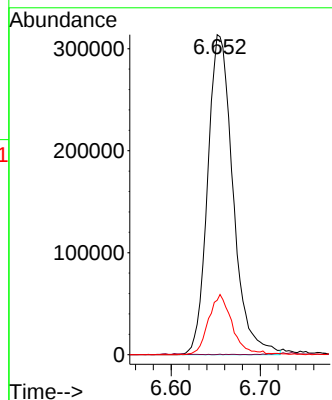
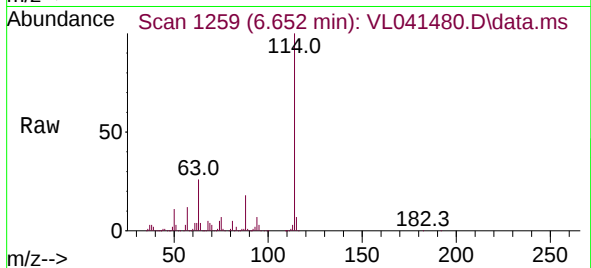
Tgt Ion: 63 Resp: 620555

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.9 53.9 80.9#



#44

2,2,4-Trimethylpentane

Concen: 0.042 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.003 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

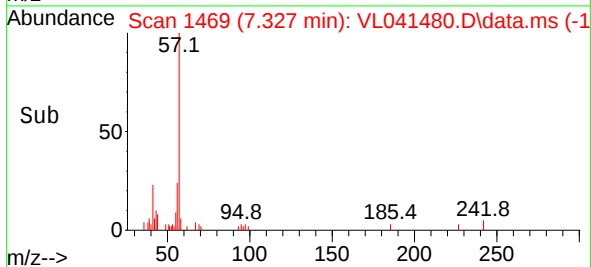
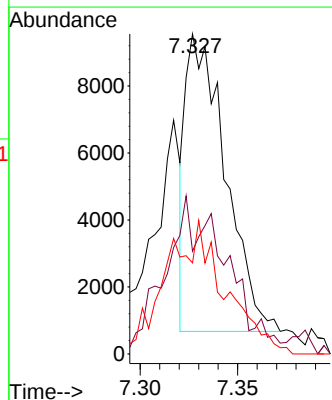
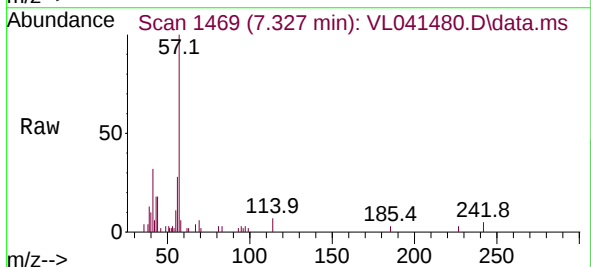
Tgt Ion: 57 Resp: 12591

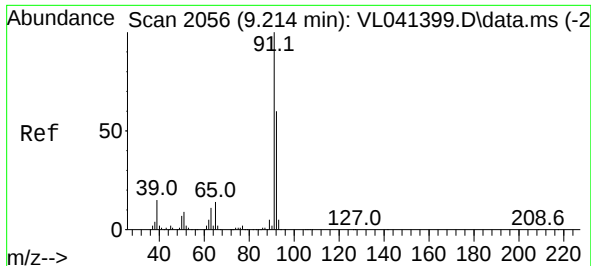
Ion Ratio Lower Upper

57 100

41 90.4 27.0 40.6#

56 67.5 25.2 37.8#





#53

Toluene

Concen: 0.147 ppbv

RT: 9.221 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

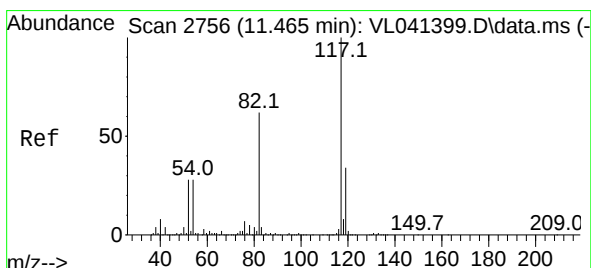
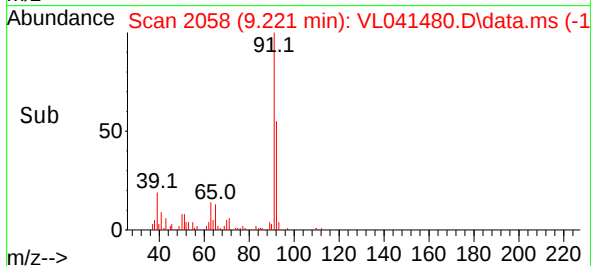
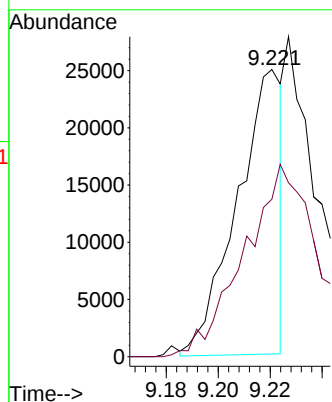
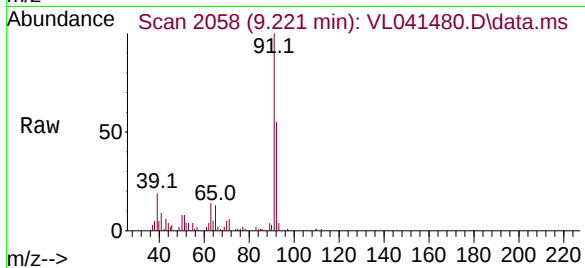
1ST-FLOORDL

Tgt Ion: 91 Resp: 29647

Ion Ratio Lower Upper

91 100

92 0.0 48.7 73.1#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.003 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

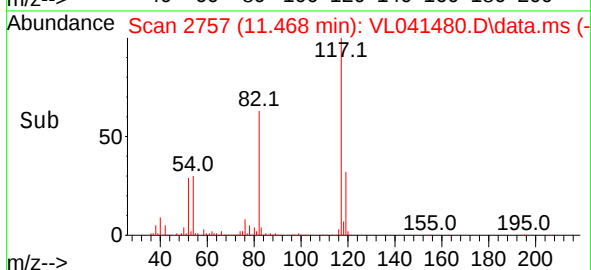
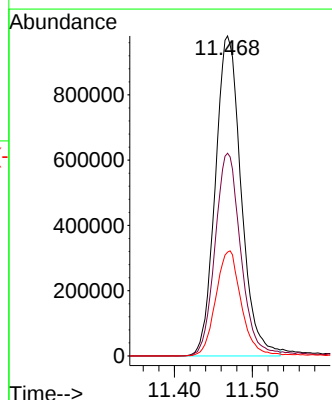
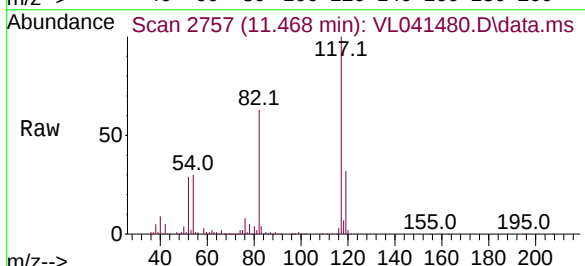
Tgt Ion: 117 Resp: 2259058

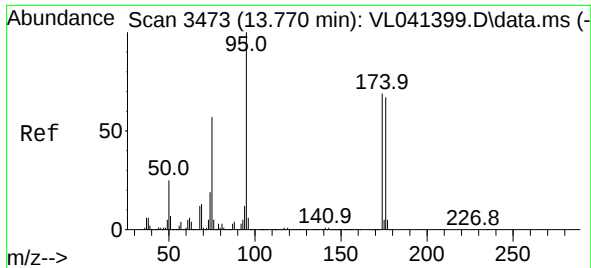
Ion Ratio Lower Upper

117 100

82 64.9 51.0 76.6

119 33.3 45.2 67.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.955 ppbv

RT: 13.777 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL041480.D

Acq: 1 Aug 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL

Tgt Ion: 95 Resp: 1730652

Ion Ratio Lower Upper

95 100

174 72.2 56.3 84.5

175 5.1 4.0 6.0

