

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042434.D
 Acq On : 28 Apr 2025 19:41
 Operator : SY/MD
 Sample : Q1880-04 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P08-SC-SS01-20250421

Quant Time: Apr 29 01:42:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	123517	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	342886	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	286706	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	247342	10.498	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue

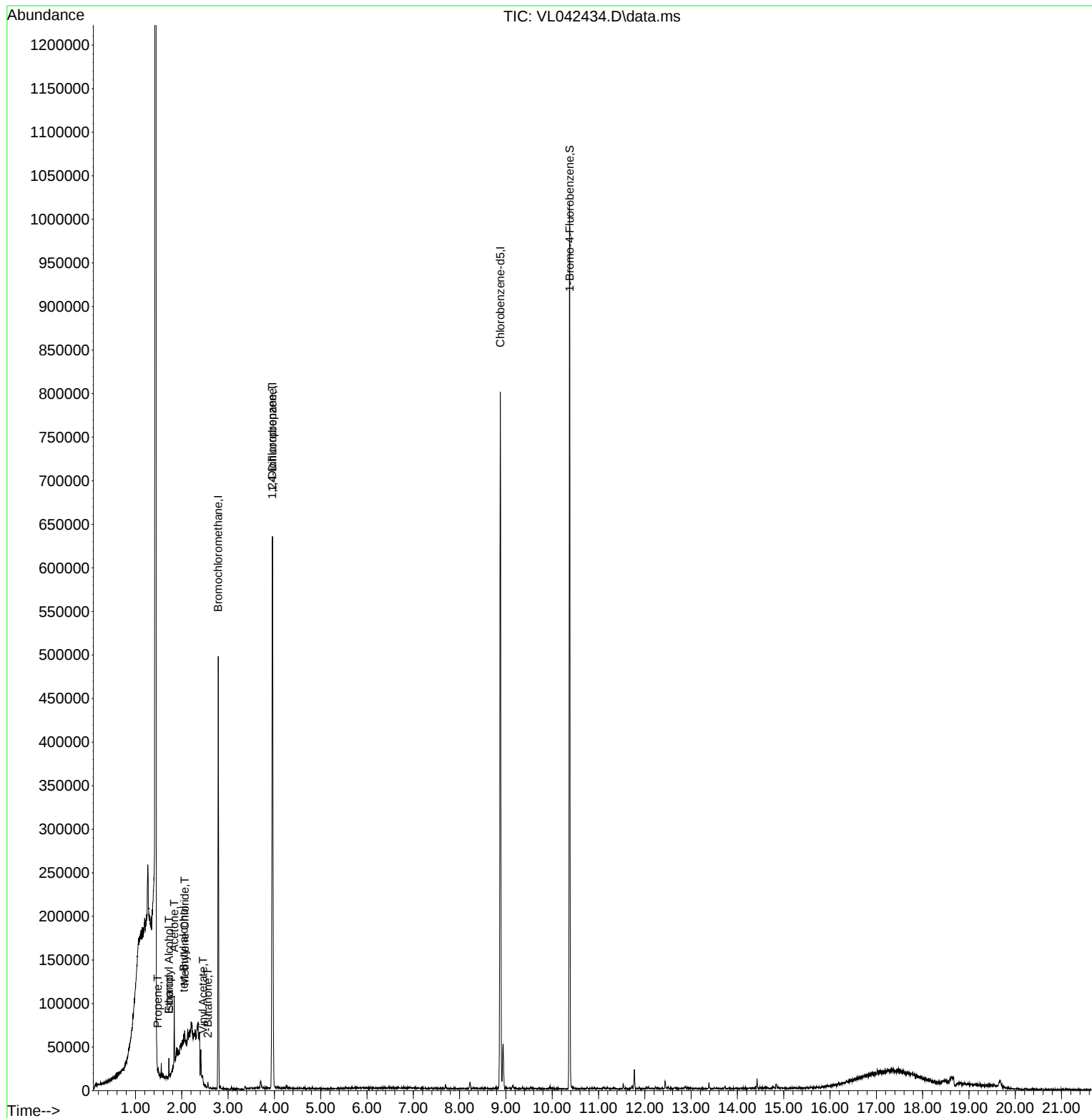
9) Propene	1.483	41	404	0.043	ppbv #	15
13) Ethanol	1.722	45	6528	4.340	ppbv #	24
15) Acetone	1.835	43	30493	1.508	ppbv	97
17) tert-Butyl alcohol	2.046	59	2357	0.094	ppbv #	46
19) Isopropyl Alcohol	1.722	45	6528	0.581	ppbv #	1
20) Methylene Chloride	2.062	84	1876	0.237	ppbv #	81
23) Vinyl Acetate	2.457	43	2511	0.307	ppbv #	36
34) 2-Butanone	2.564	43	3528	0.130	ppbv	91
39) 1,2-Dichloropropane	3.955	63	94672	6.869	ppbv #	23

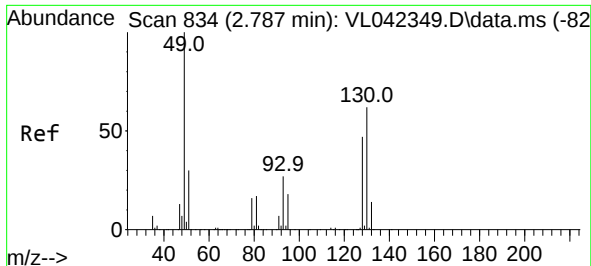
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
Data File : VL042434.D
Acq On : 28 Apr 2025 19:41
Operator : SY/MD
Sample : Q1880-04 10X
Misc : 400mL/MSVOA_L
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EBR-P08-SC-SS01-20250421

Quant Time: Apr 29 01:42:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

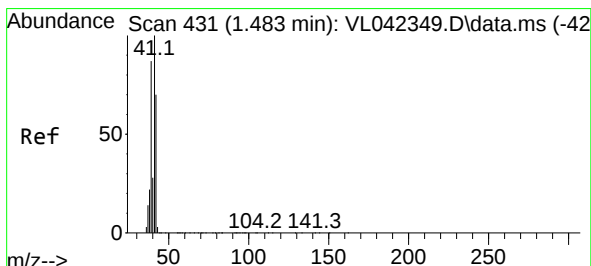
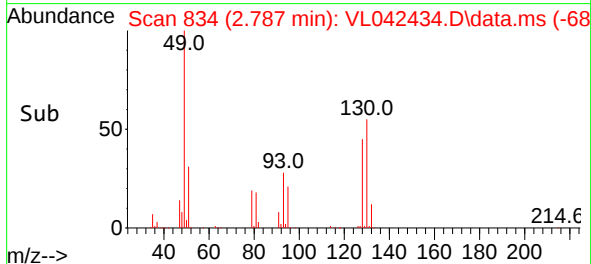
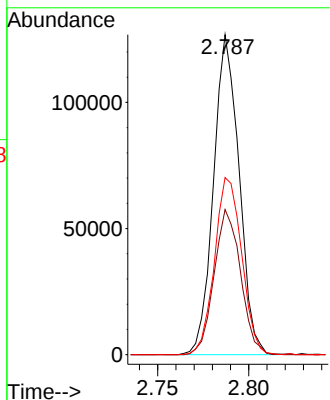
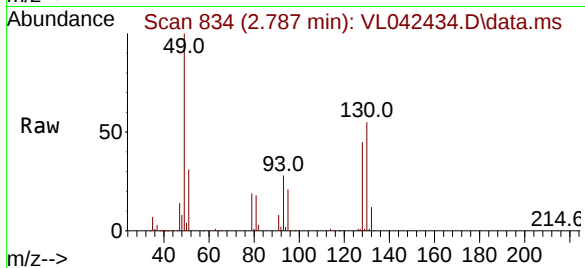




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042434.D
Acq: 28 Apr 2025 19:41

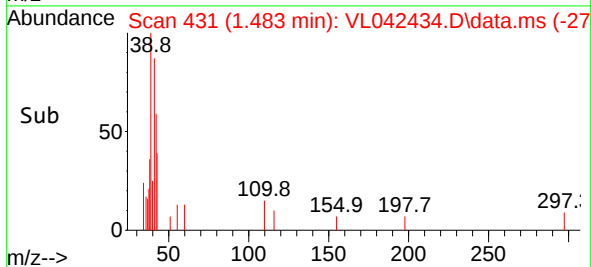
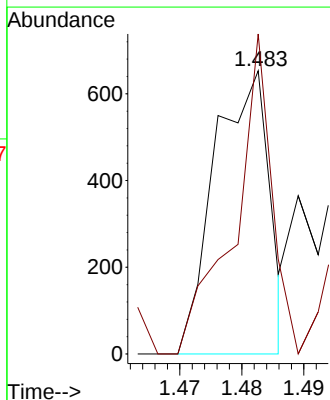
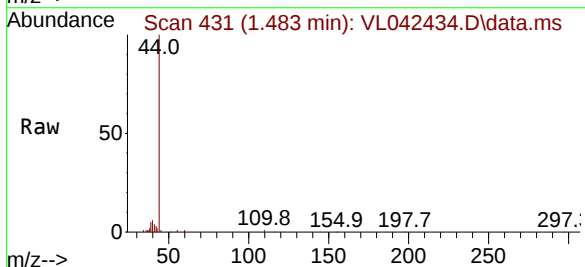
Instrument :
MSVOA_L
ClientSampleId :
EBR-P08-SC-SS01-20250421

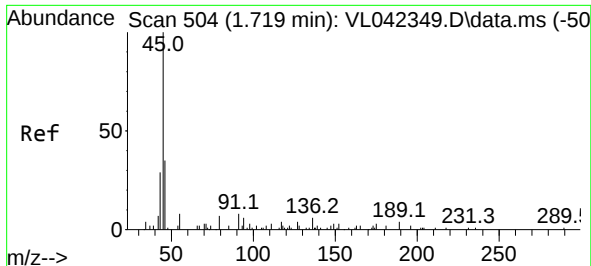
Tgt Ion: 49 Resp: 123517
Ion Ratio Lower Upper
49 100
128 47.0 22.8 68.4
130 59.0 29.3 88.0



#9
Propene
Concen: 0.043 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.000 min
Lab File: VL042434.D
Acq: 28 Apr 2025 19:41

Tgt Ion: 41 Resp: 404
Ion Ratio Lower Upper
41 100
42 0.0 56.2 84.4#

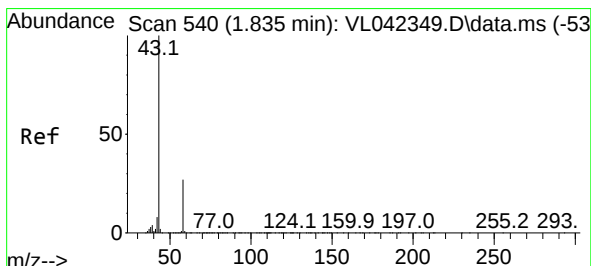
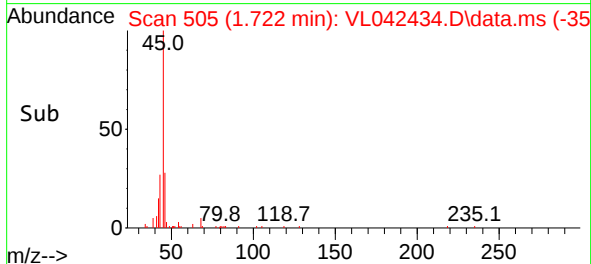
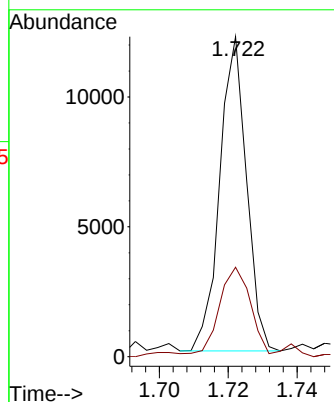
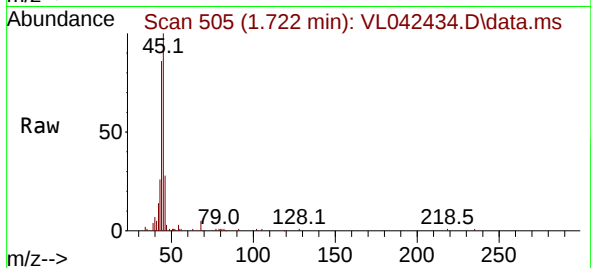




#13
Ethanol
Concen: 4.340 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042434.D
Acq: 28 Apr 2025 19:41

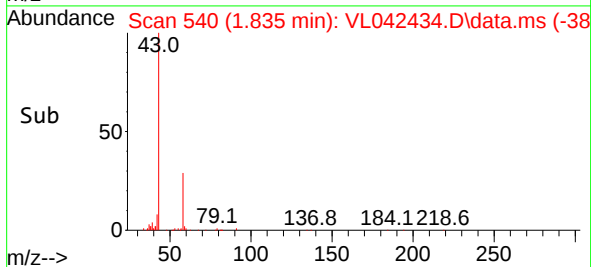
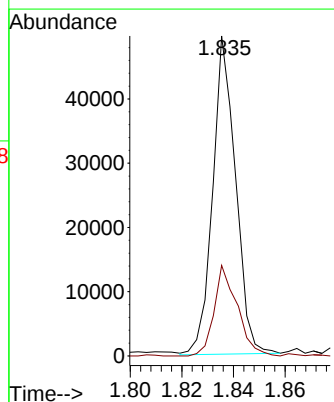
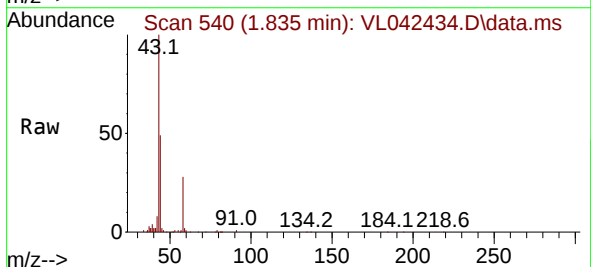
Instrument :
MSVOA_1
ClientSampleId :
EBR-P08-SC-SS01-20250421

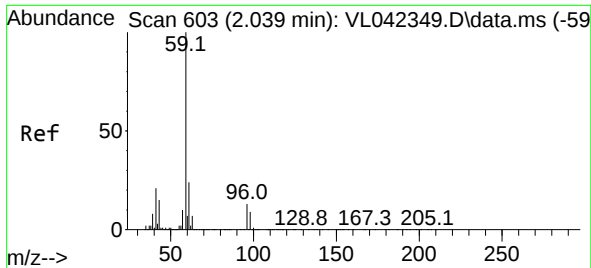
Tgt Ion: 45 Resp: 6528
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#



#15
Acetone
Concen: 1.508 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042434.D
Acq: 28 Apr 2025 19:41

Tgt Ion: 43 Resp: 30493
Ion Ratio Lower Upper
43 100
58 29.6 22.4 33.6





#17

tert-Butyl alcohol

Concen: 0.094 ppbv

RT: 2.046 min Scan# 603

Delta R.T. 0.007 min

Lab File: VL042434.D

Acq: 28 Apr 2025 19:41

Instrument :

MSVOA_L

ClientSampleId :

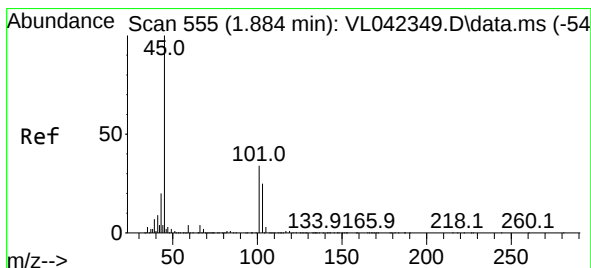
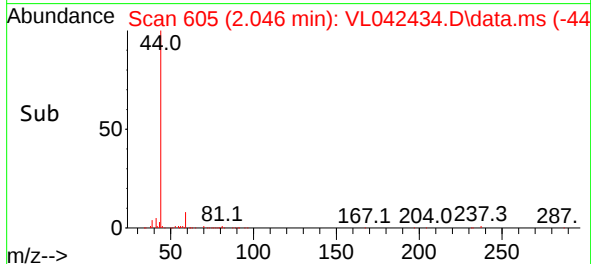
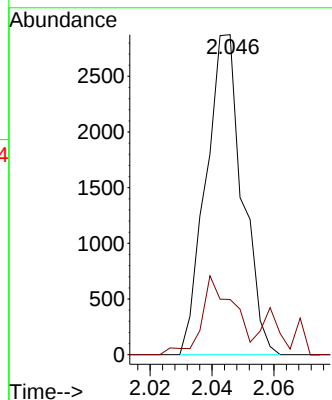
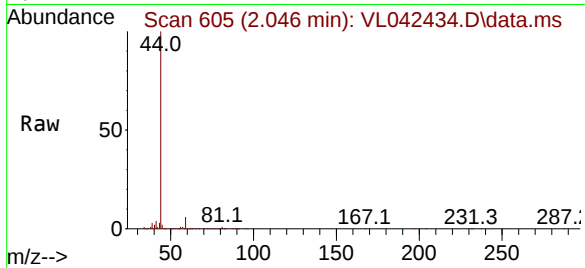
EBR-P08-SC-SS01-20250421

Tgt Ion: 59 Resp: 2357

Ion Ratio Lower Upper

59 100

57 31.5 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 0.581 ppbv

RT: 1.722 min Scan# 505

Delta R.T. -0.162 min

Lab File: VL042434.D

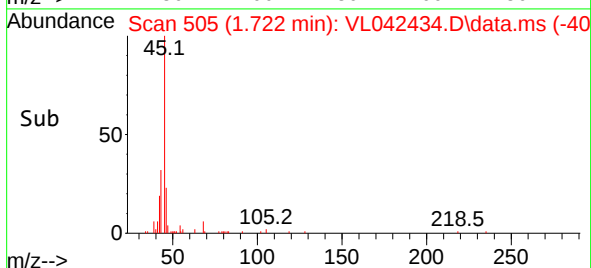
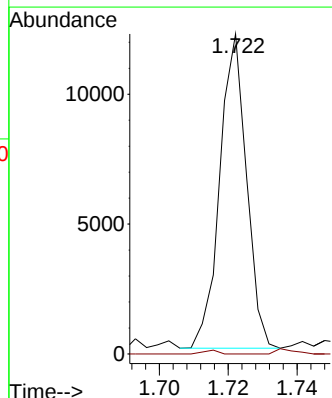
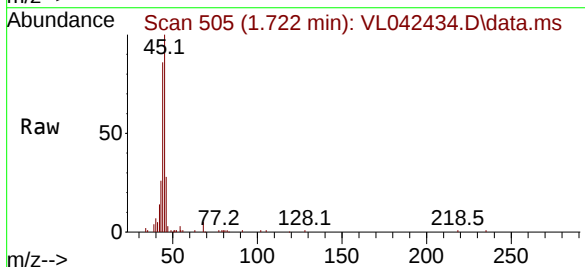
Acq: 28 Apr 2025 19:41

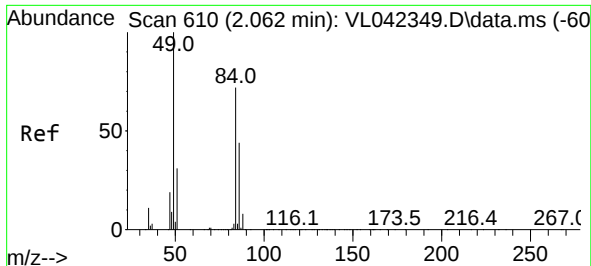
Tgt Ion: 45 Resp: 6528

Ion Ratio Lower Upper

45 100

58 138.1 34.5 51.7#





#20

Methylene Chloride

Concen: 0.237 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.000 min

Lab File: VL042434.D

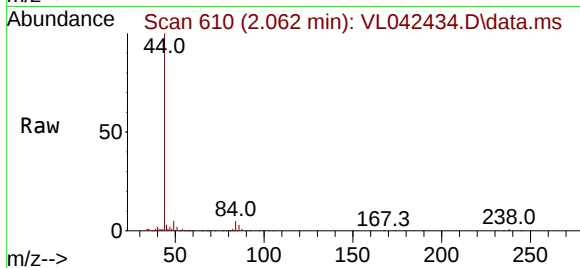
Acq: 28 Apr 2025 19:41

Instrument :

MSVOA_L

ClientSampleId :

EBR-P08-SC-SS01-20250421



Tgt Ion: 84 Resp: 1876

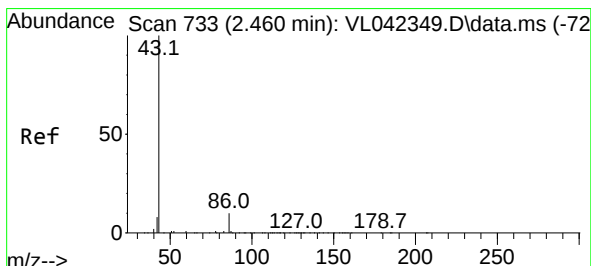
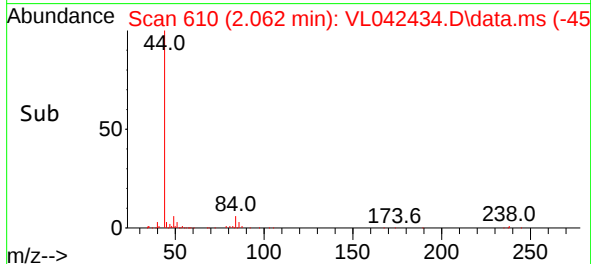
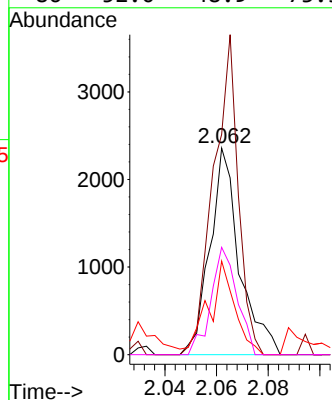
Ion Ratio Lower Upper

84 100

49 106.6 111.6 167.4#

51 45.3 35.1 52.7

86 52.0 48.9 73.3



#23

Vinyl Acetate

Concen: 0.307 ppbv

RT: 2.457 min Scan# 732

Delta R.T. -0.003 min

Lab File: VL042434.D

Acq: 28 Apr 2025 19:41

Tgt Ion: 43 Resp: 2511

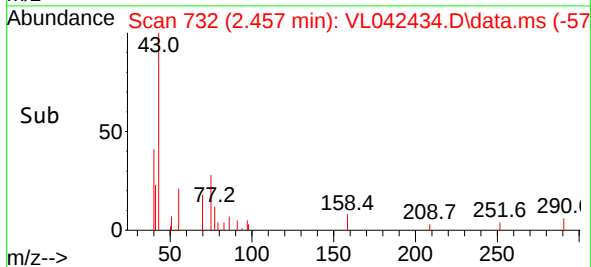
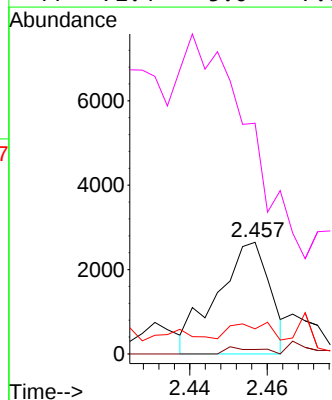
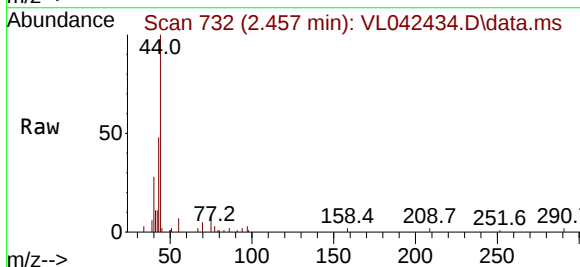
Ion Ratio Lower Upper

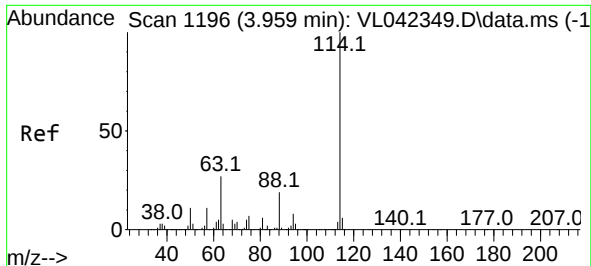
43 100

86 4.7 6.5 9.7#

42 0.5 7.8 11.8#

44 72.4 5.0 7.6#

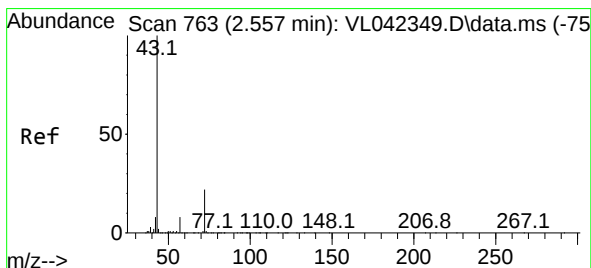
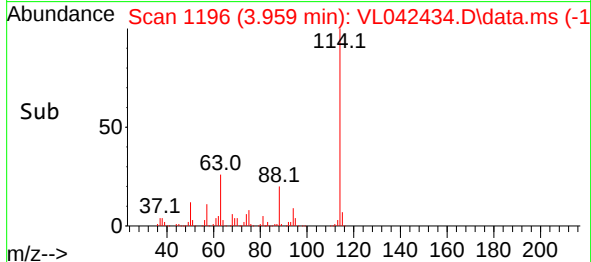
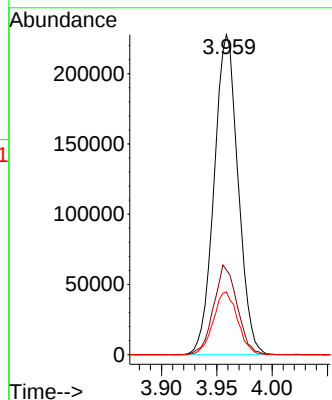
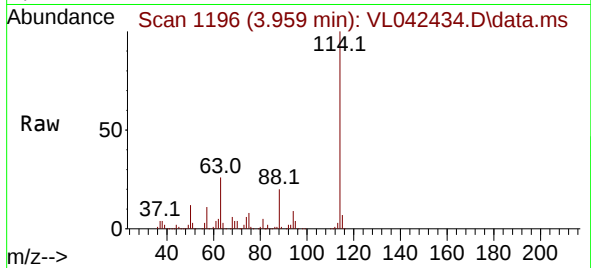




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: VL042434.D
 Acq: 28 Apr 2025 19:41

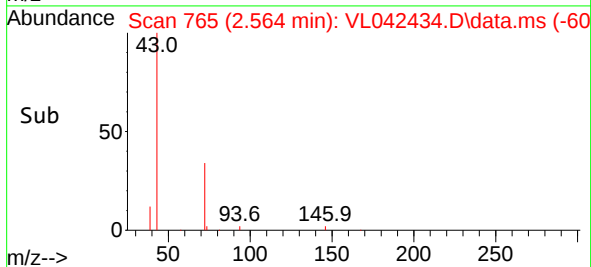
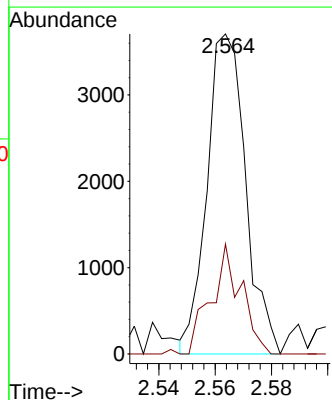
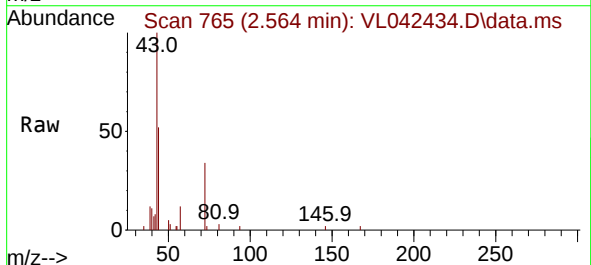
Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P08-SC-SS01-20250421

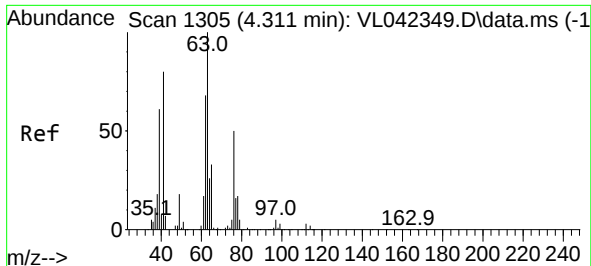
Tgt Ion:114 Resp: 342886
 Ion Ratio Lower Upper
 114 100
 63 27.7 21.8 32.6
 88 19.9 15.5 23.3



#34
 2-Butanone
 Concen: 0.130 ppbv
 RT: 2.564 min Scan# 765
 Delta R.T. 0.007 min
 Lab File: VL042434.D
 Acq: 28 Apr 2025 19:41

Tgt Ion: 43 Resp: 3528
 Ion Ratio Lower Upper
 43 100
 72 27.2 18.2 27.2





#39

1,2-Dichloropropane

Concen: 6.869 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.356 min

Lab File: VL042434.D

Acq: 28 Apr 2025 19:41

Instrument :

MSVOA_L

ClientSampleId :

EBR-P08-SC-SS01-20250421

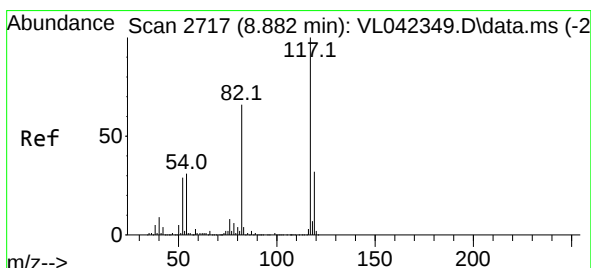
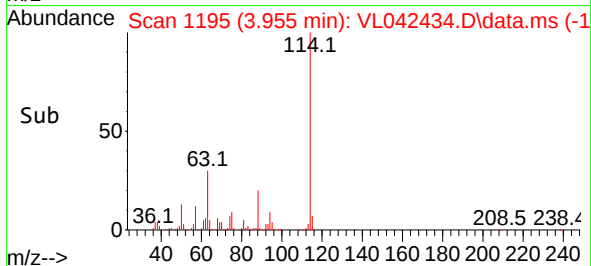
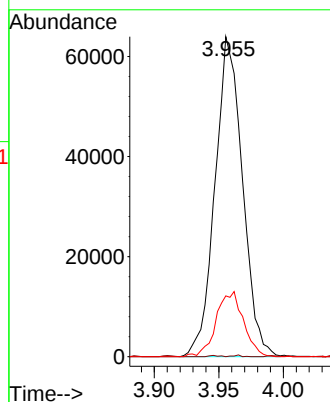
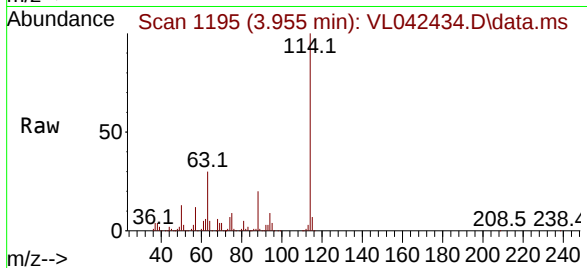
Tgt Ion: 63 Resp: 94672

Ion Ratio Lower Upper

63 100

41 0.0 64.2 96.2#

62 19.0 54.3 81.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.878 min Scan# 2716

Delta R.T. -0.003 min

Lab File: VL042434.D

Acq: 28 Apr 2025 19:41

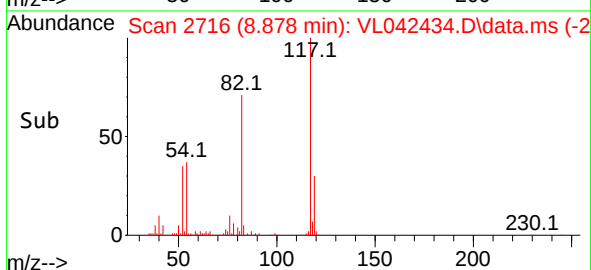
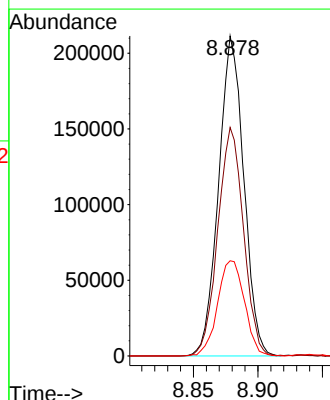
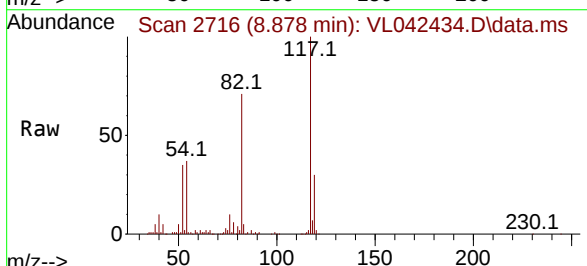
Tgt Ion: 117 Resp: 286706

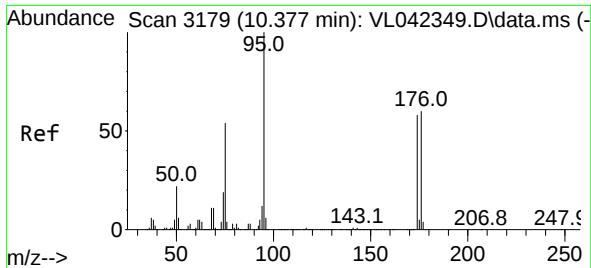
Ion Ratio Lower Upper

117 100

82 72.8 57.8 86.6

119 31.7 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.498 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042434.D
 Acq: 28 Apr 2025 19:41

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P08-SC-SS01-20250421

Tgt Ion: 95 Resp: 247342
 Ion Ratio Lower Upper
 95 100
 174 52.0 48.5 72.7
 175 3.9 3.7 5.5

