

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059642.D
 Acq On : 28 Jun 2024 23:48
 Operator : MD/SY
 Sample : BLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 29 01:51:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.255	114	415	5.000	ug/L	# 0.01
28) Chlorobenzene-d5	9.425	117	1535	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.817	152	1733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	103	3.569	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.660	46	20	3.365	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	6.720%#
24) Chloroform-d	5.065	84	80	1.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	27.000%#
26) 1,2-Dichloroethane-d4	5.702	65	110	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.730	84	395	0.935	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	18.800%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.000%#
41) Toluene-d8	7.910	98	472	1.202	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	24.000%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.663	63	193	11.459	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	22.920%#
56) 1,1,2,2-Tetrachloroeth...	10.762	84	361	3.375	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.600%
66) 1,2-Dichlorobenzene-d4	12.200	152	1210	3.923	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	20	0.569	ug/L #	41
3) Chloromethane	1.522	50	312	8.243	ug/L #	42
5) Vinyl chloride	1.596	62	303	7.247	ug/L #	76
6) Bromomethane	1.862	94	152	5.229	ug/L #	5
9) Trichlorofluoromethane	2.129	101	107	2.126	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	46	1.444	ug/L #	21
12) 1,1-Dichloroethene	2.570	96	72	2.446	ug/L #	59
13) Acetone	2.647	43	793	205.660	ug/L	51
14) Carbon disulfide	2.788	76	2007	20.438	ug/L #	94
15) Methyl Acetate	2.962	43	79	7.764	ug/L #	51
16) Methylene chloride	3.039	84	2191	62.819	ug/L	78
18) trans-1,2-Dichloroethene	3.348	96	324	10.585	ug/L #	68
21) 2-Butanone	4.782	43	66	10.672	ug/L #	47
22) cis-1,2-Dichloroethene	4.657	96	42	1.245	ug/L #	1
25) Chloroform	5.084	83	407	6.846	ug/L	84
33) Benzene	5.775	78	442	0.948	ug/L	100
34) Trichloroethene	6.541	95	397	3.145	ug/L #	69
38) Bromodichloromethane	7.110	83	71	0.472	ug/L #	26
39) cis-1,3-Dichloropropene	7.611	75	66	0.400	ug/L #	43

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

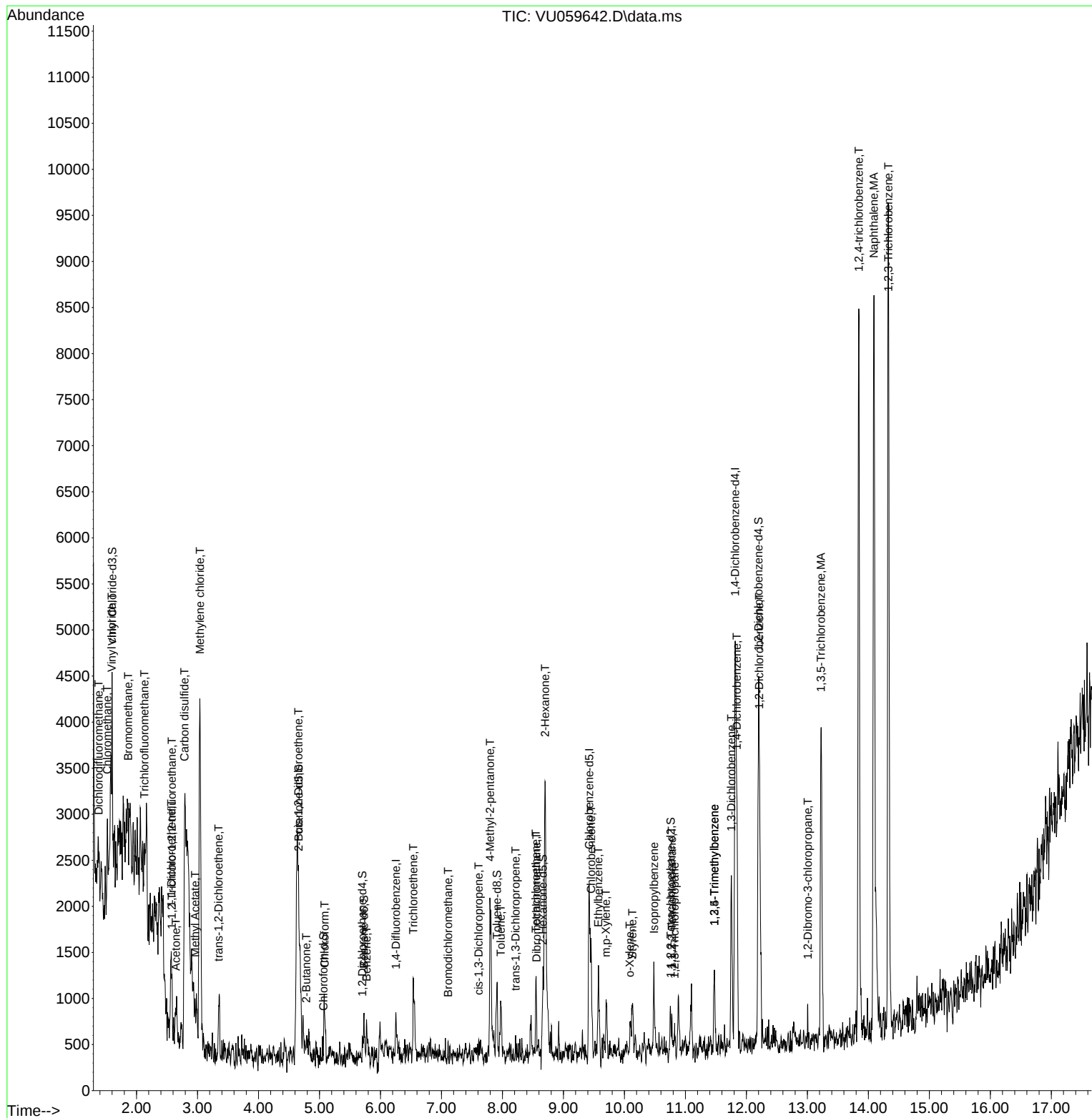
40) 4-Methyl-2-pentanone	7.798	43	1475	26.388	ug/L #	66
42) Toluene	7.972	91	695	1.408	ug/L	97
44) trans-1,3-Dichloropropene	8.216	75	123	0.929	ug/L #	43
47) Tetrachloroethene	8.550	164	318	3.246	ug/L #	42
48) 2-Hexanone	8.701	43	2866	71.843	ug/L #	87
49) Dibromochloromethane	8.560	129	132	1.340	ug/L #	12
51) Chlorobenzene	9.454	112	502	1.604	ug/L #	80
52) Ethylbenzene	9.573	91	1075	2.123	ug/L	100
53) m,p-Xylene	9.698	106	45	0.231	ug/L	73
54) o-Xylene	10.090	106	20	0.108	ug/L	68
55) Styrene	10.132	104	453	1.442	ug/L #	30
57) 1,1,2,2-Tetrachloroethane	10.778	83	237	2.198	ug/L #	85
60) Isopropylbenzene	10.486	105	878	0.820	ug/L #	85
61) 1,2,3-Trichloropropane	10.823	75	241	1.505	ug/L #	57
62) 1,3,5-Trimethylbenzene	11.476	105	822	0.969	ug/L	98
63) 1,2,4-Trimethylbenzene	11.476	105	822	1.014	ug/L	96
64) 1,3-Dichlorobenzene	11.753	146	1391	2.555	ug/L #	85
65) 1,4-Dichlorobenzene	11.843	146	1359	2.425	ug/L	94
67) 1,2-Dichlorobenzene	12.213	146	1561	3.046	ug/L	87
68) 1,2-Dibromo-3-chloropr...	13.007	75	22	0.704	ug/L #	35
69) 1,3,5-Trichlorobenzene	13.222	180	1956	4.853	ug/L	93
70) 1,2,4-trichlorobenzene	13.846	180	3507	11.343	ug/L	93
71) Naphthalene	14.090	128	9967	22.523	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	3829	13.338	ug/L	97

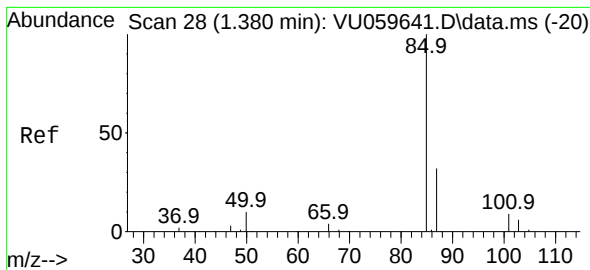
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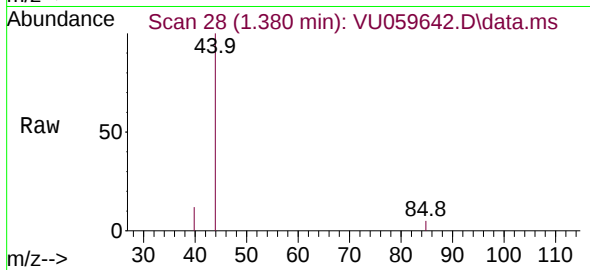
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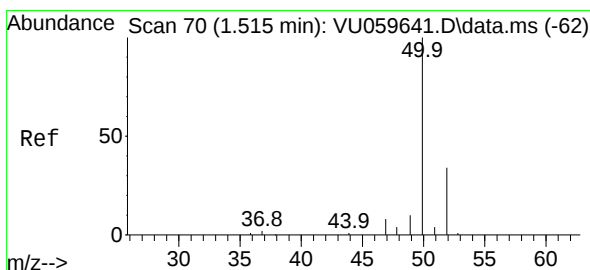
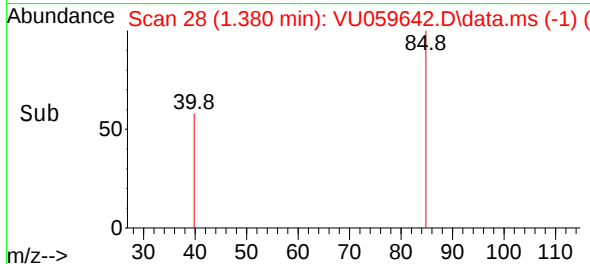
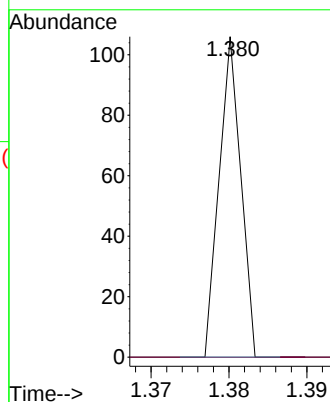


#2
 Dichlorodifluoromethane
 Concen: 0.569 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

Instrument :
 MSVOA_U
 ClientSampleId :

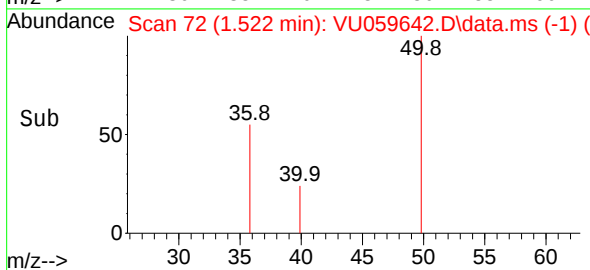
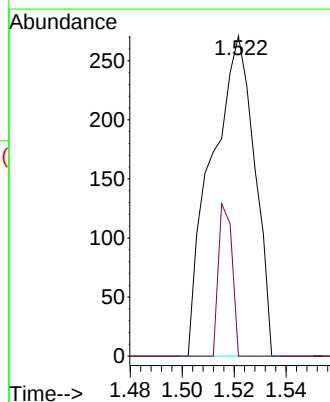
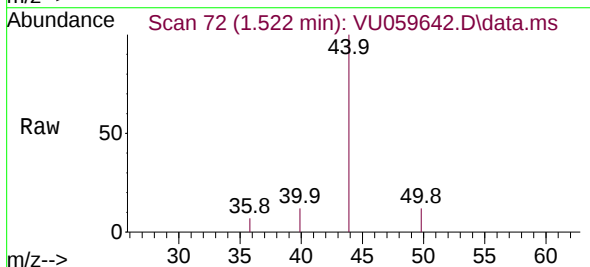


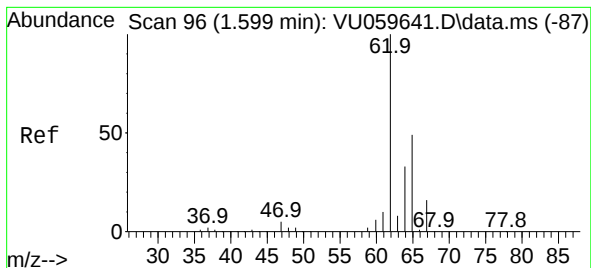
Tgt Ion: 85 Resp: 20
 Ion Ratio Lower Upper
 85 100
 87 0.0 26.6 40.0#



#3
 Chloromethane
 Concen: 8.243 ug/L
 RT: 1.522 min Scan# 72
 Delta R.T. 0.007 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

Tgt Ion: 50 Resp: 312
 Ion Ratio Lower Upper
 50 100
 52 0.0 23.2 43.0#





#5

Vinyl chloride

Concen: 7.247 ug/L

RT: 1.596 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

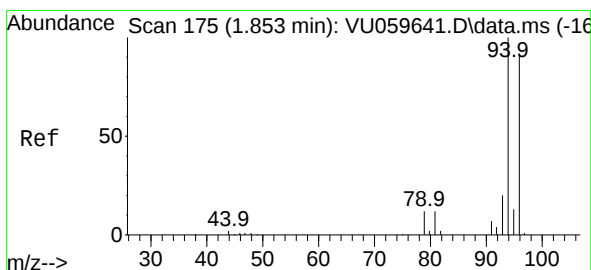
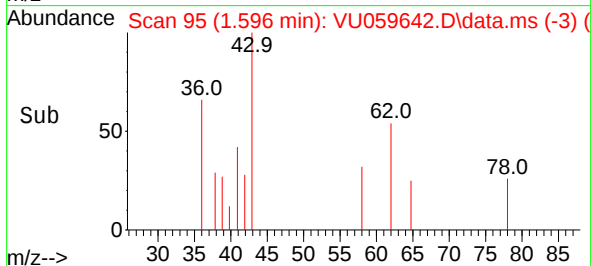
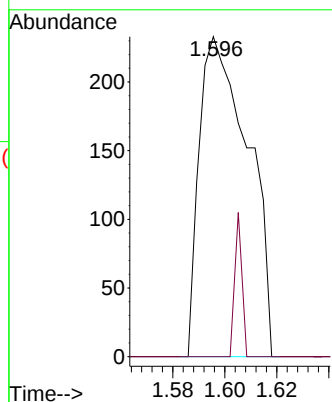
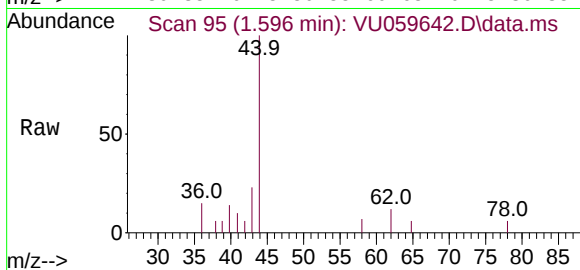
ClientSampleId :

Tgt Ion: 62 Resp: 303

Ion Ratio Lower Upper

62 100

64 46.8 23.1 42.9#



#6

Bromomethane

Concen: 5.229 ug/L

RT: 1.862 min Scan# 178

Delta R.T. 0.010 min

Lab File: VU059642.D

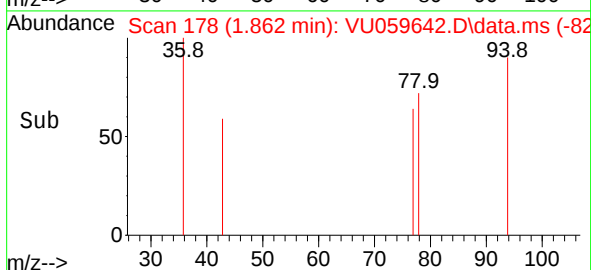
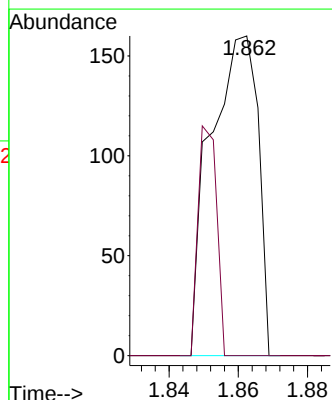
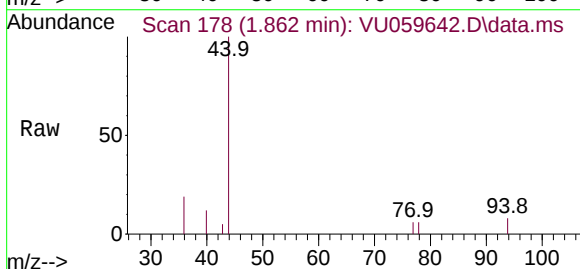
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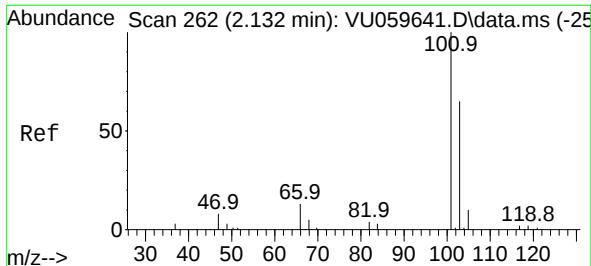
Tgt Ion: 94 Resp: 152

Ion Ratio Lower Upper

94 100

96 0.0 62.9 116.9#

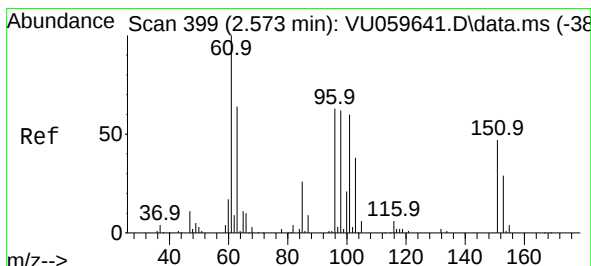
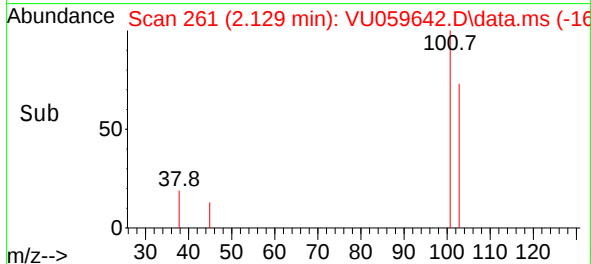
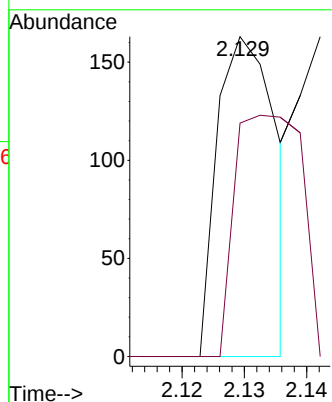
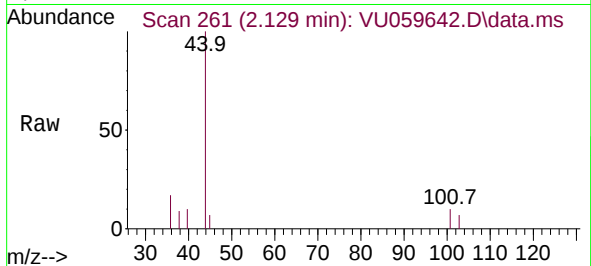




#9
 Trichlorofluoromethane
 Concen: 2.126 ug/L
 RT: 2.129 min Scan# 201
 Delta R.T. -0.003 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

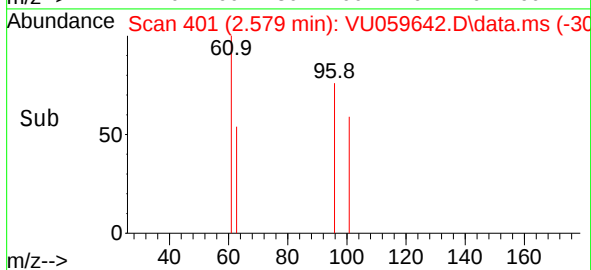
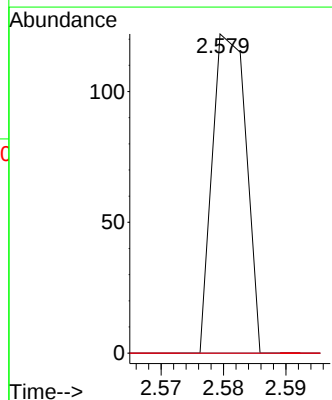
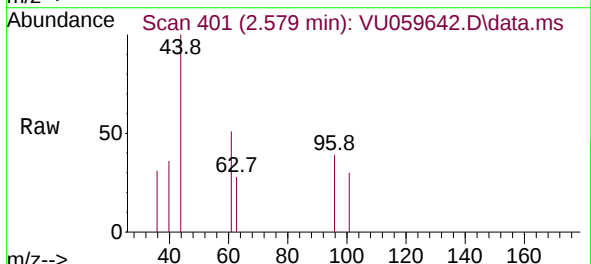
Instrument :
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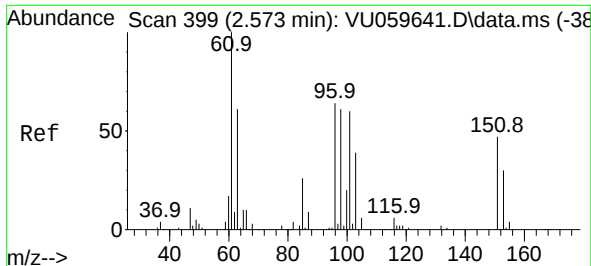
Tgt Ion:101 Resp: 107
 Ion Ratio Lower Upper
 101 100
 103 86.0 52.6 79.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.444 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.007 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

Tgt Ion:101 Resp: 46
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.2 54.4#
 151 0.0 55.5 83.3#





#12

1,1-Dichloroethene

Concen: 2.446 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :

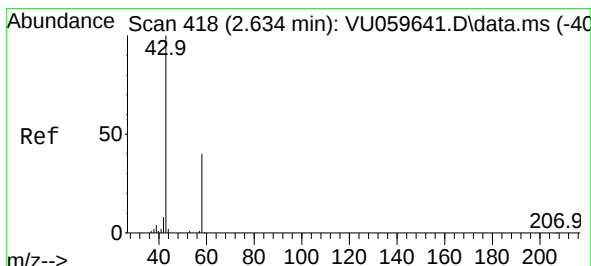
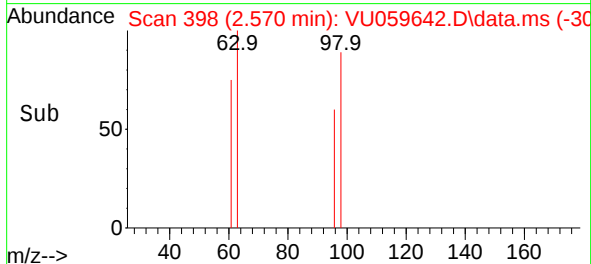
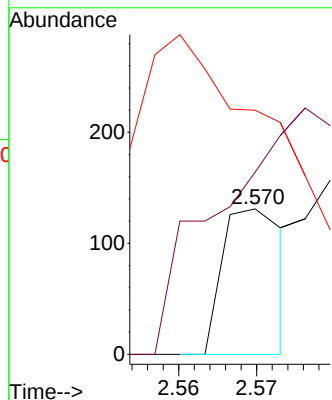
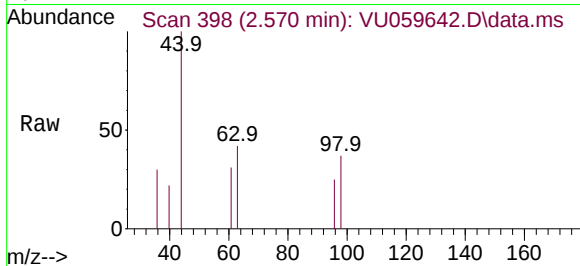
Tgt Ion: 96 Resp: 72

Ion Ratio Lower Upper

96 100

61 125.2 122.9 228.3

63 167.9 80.4 149.4#



#13

Acetone

Concen: 205.660 ug/L

RT: 2.647 min Scan# 422

Delta R.T. 0.013 min

Lab File: VU059642.D

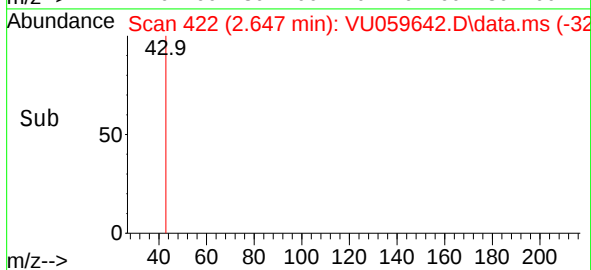
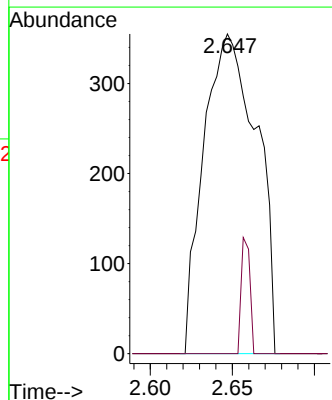
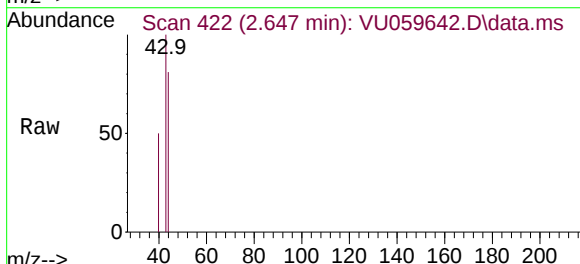
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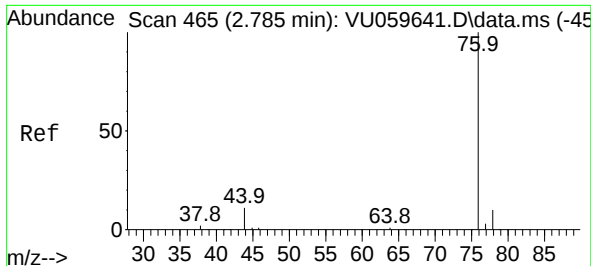
Tgt Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

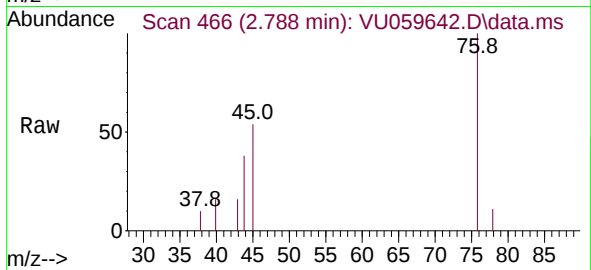
58 5.9 0.0 68.0



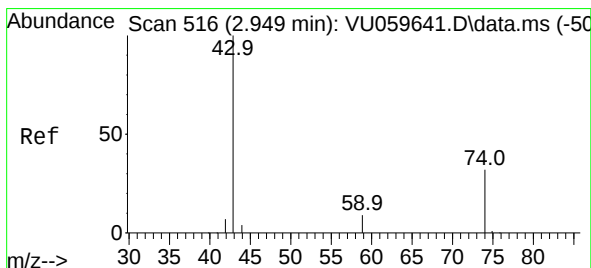
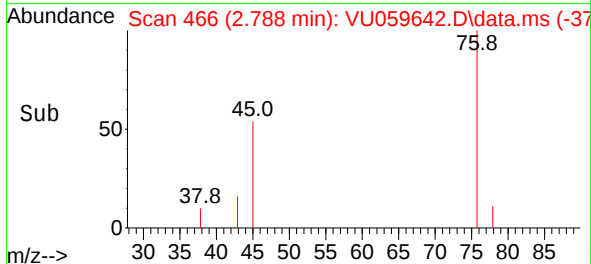
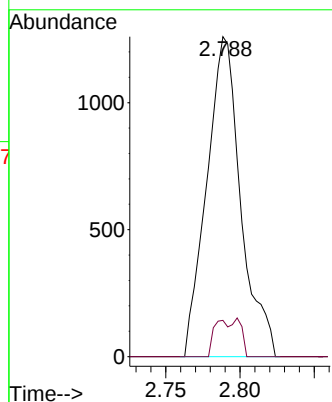


#14
Carbon disulfide
Concen: 20.438 ug/L
RT: 2.788 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

Instrument :
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ClientSampleId :

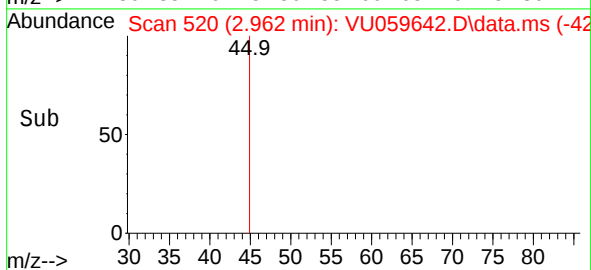
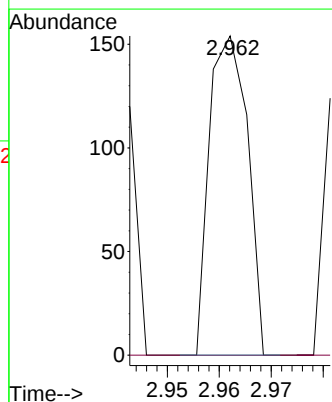
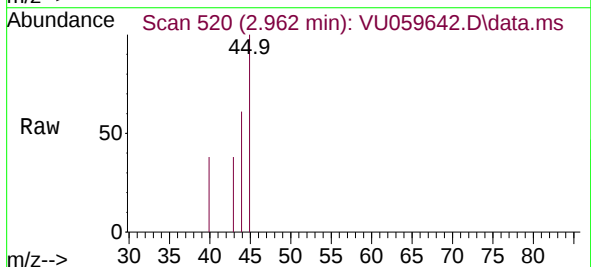


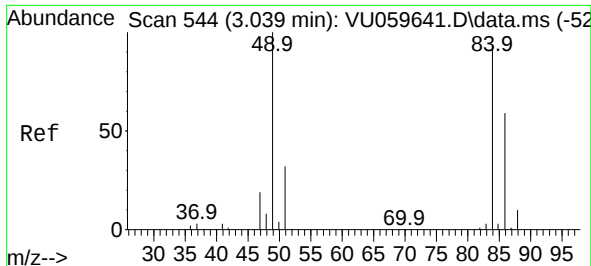
Tgt Ion: 76 Resp: 2007
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#



#15
Methyl Acetate
Concen: 7.764 ug/L
RT: 2.962 min Scan# 520
Delta R.T. 0.013 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

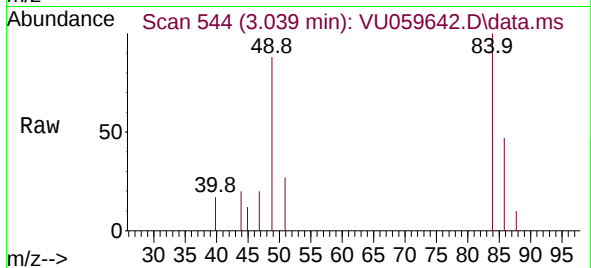
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



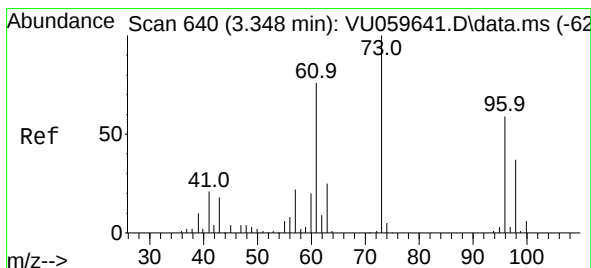
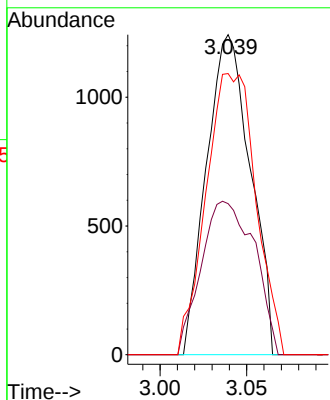
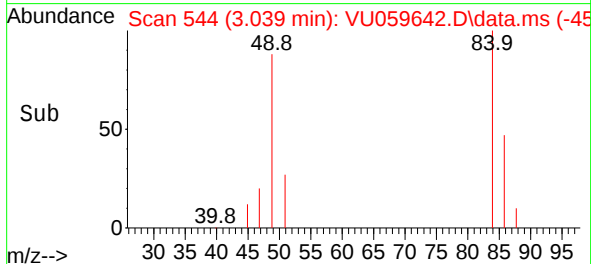


#16
Methylene chloride
Concen: 62.819 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

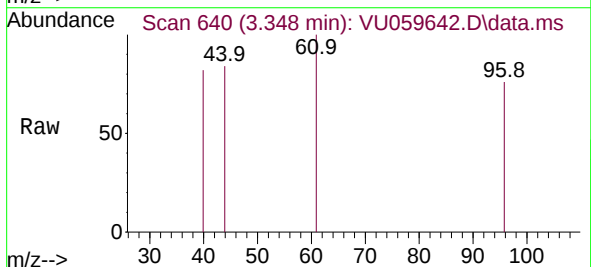
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ClientSampleId :



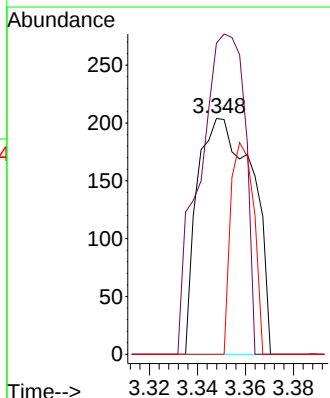
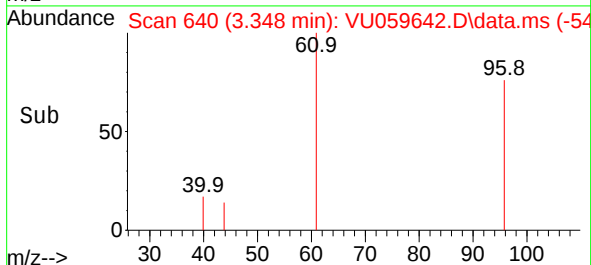
Tgt Ion: 84 Resp: 2191
Ion Ratio Lower Upper
84 100
86 47.2 42.1 78.1
49 87.9 80.6 149.8

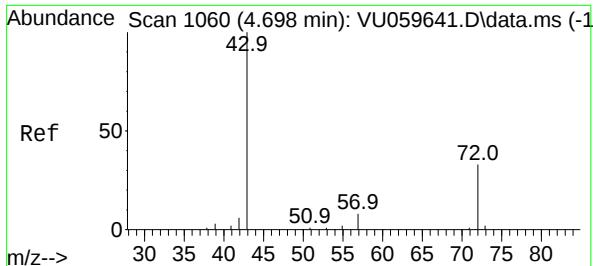


#18
trans-1,2-Dichloroethene
Concen: 10.585 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48



Tgt Ion: 96 Resp: 324
Ion Ratio Lower Upper
96 100
61 131.9 101.8 189.0
98 0.0 43.3 80.5#





#21

2-Butanone

Concen: 10.672 ug/L

RT: 4.782 min Scan# 1086

Delta R.T. 0.084 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

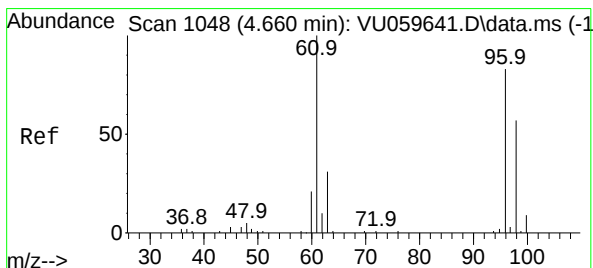
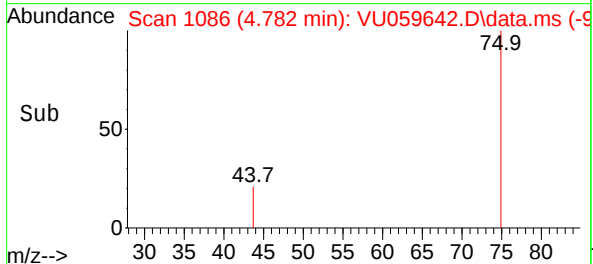
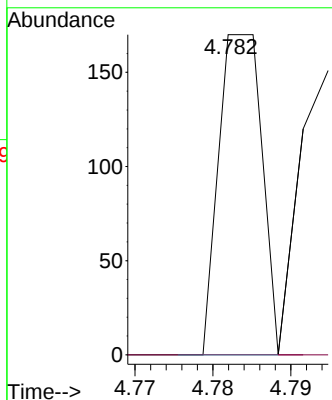
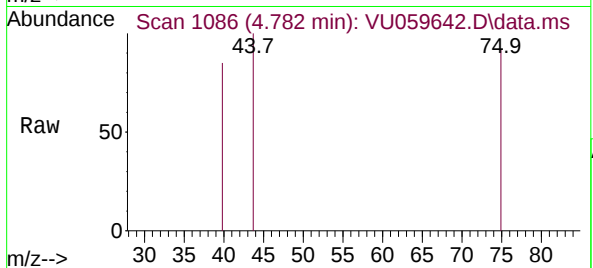
ClientSampleId :

Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#



#22

cis-1,2-Dichloroethene

Concen: 1.245 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

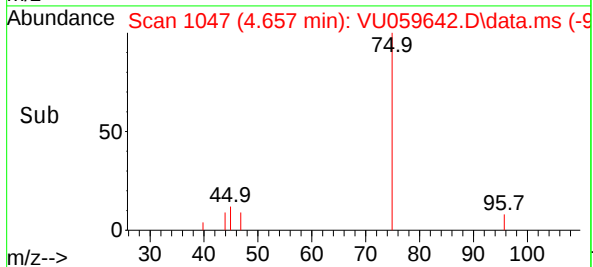
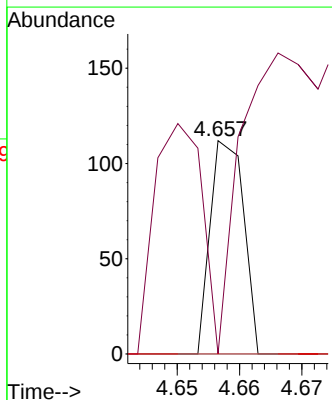
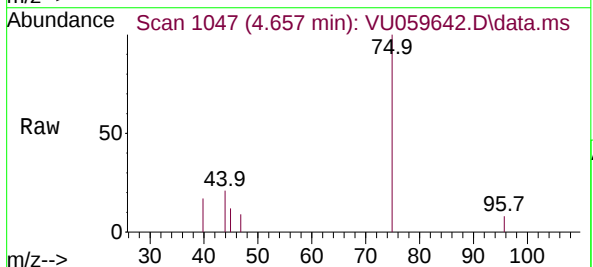
Tgt Ion: 96 Resp: 42

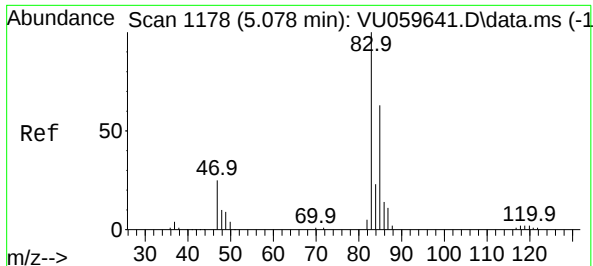
Ion Ratio Lower Upper

96 100

61 0.0 87.4 162.2#

98 0.0 42.3 78.5#





#25

Chloroform

Concen: 6.846 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

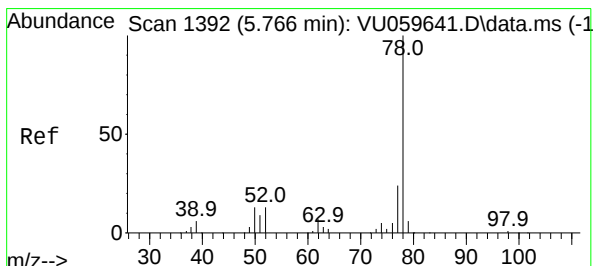
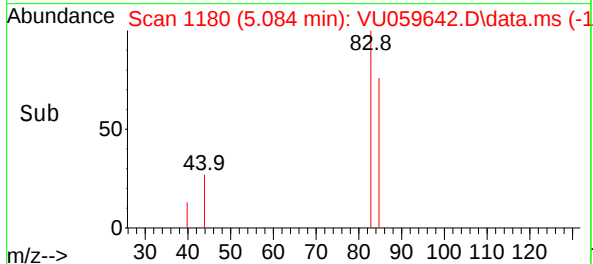
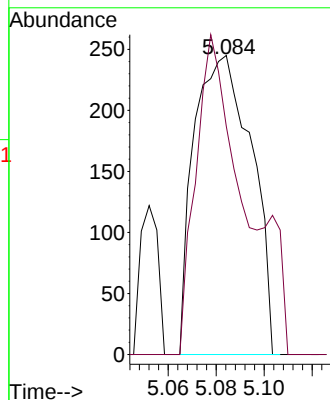
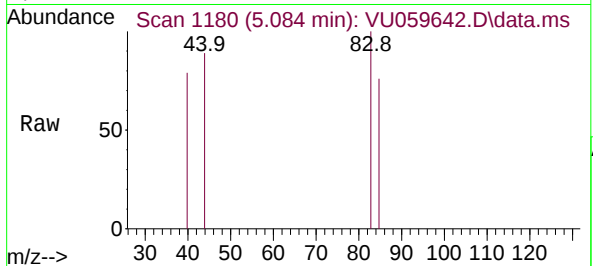
ClientSampleId :

Tgt Ion: 83 Resp: 407

Ion Ratio Lower Upper

83 100

85 76.3 44.7 83.1



#33

Benzene

Concen: 0.948 ug/L

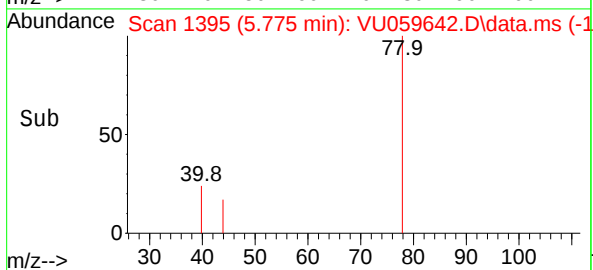
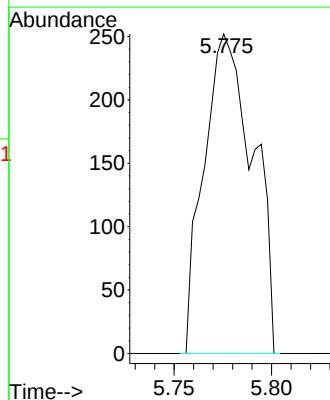
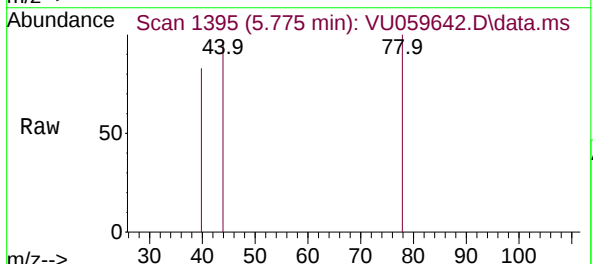
RT: 5.775 min Scan# 1395

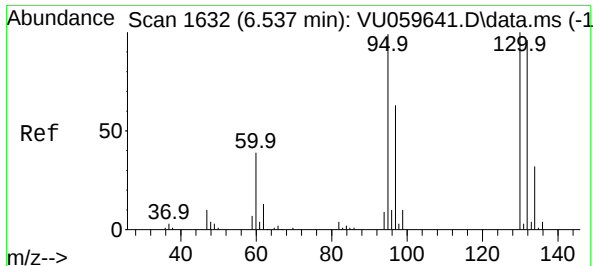
Delta R.T. 0.010 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Tgt Ion: 78 Resp: 442





#34

Trichloroethene

Concen: 3.145 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

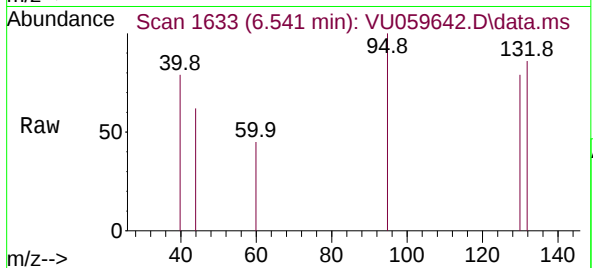
Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 397

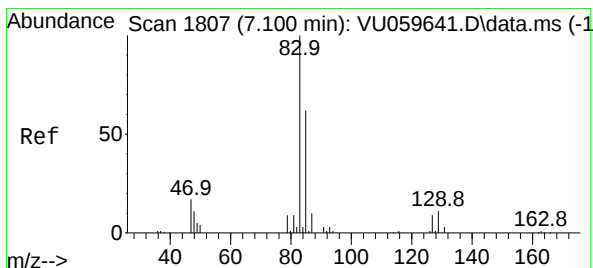
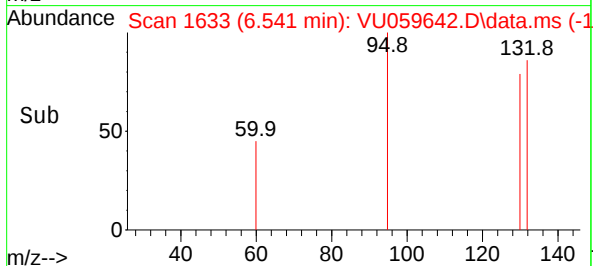
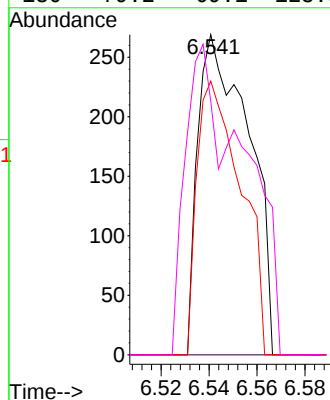
Ion Ratio Lower Upper

95 100

97 0.0 45.3 84.1#

132 85.5 64.0 119.0

130 79.2 69.1 128.3



#38

Bromodichloromethane

Concen: 0.472 ug/L

RT: 7.110 min Scan# 1810

Delta R.T. 0.010 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

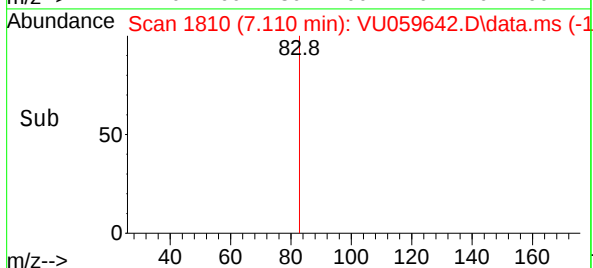
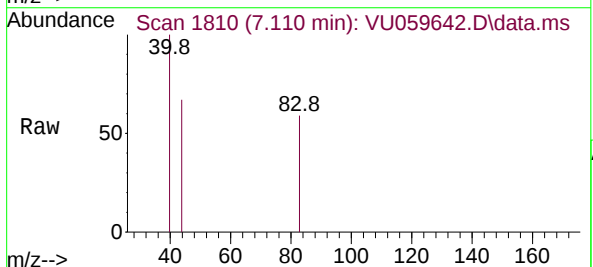
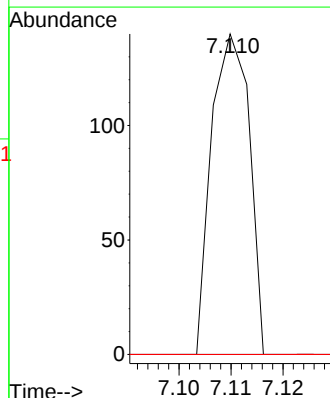
Tgt Ion: 83 Resp: 71

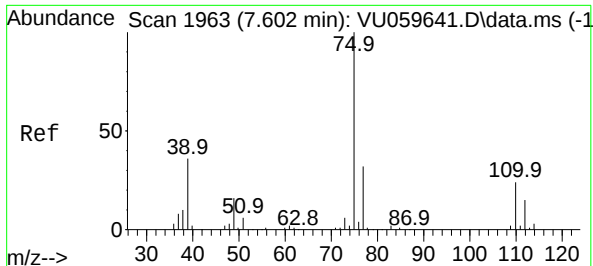
Ion Ratio Lower Upper

83 100

85 0.0 42.7 79.3#

127 0.0 6.1 9.1#

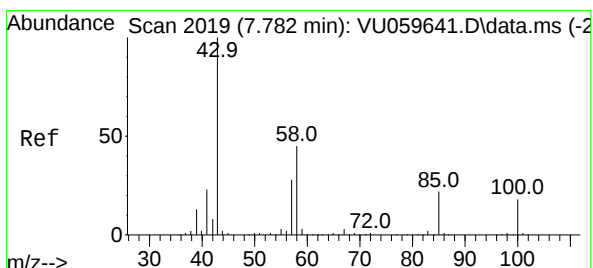
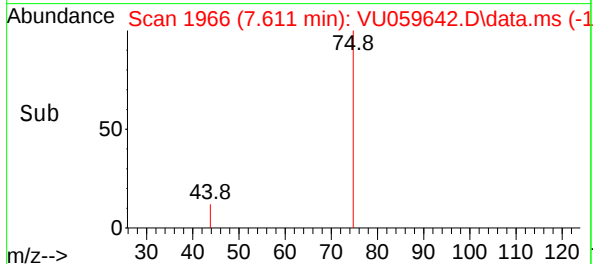
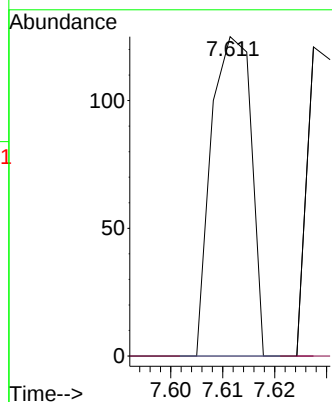
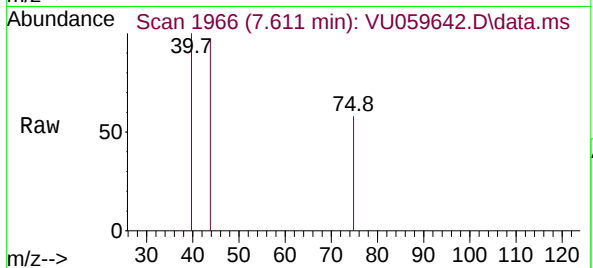




#39
 cis-1,3-Dichloropropene
 Concen: 0.400 ug/L
 RT: 7.611 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

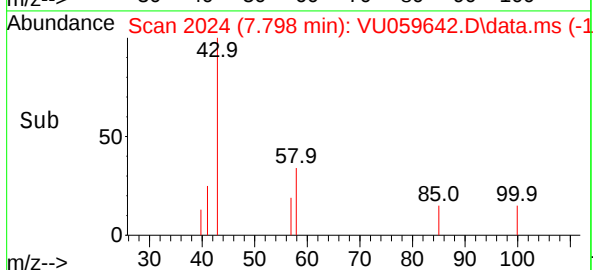
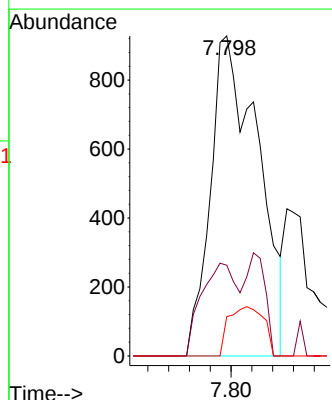
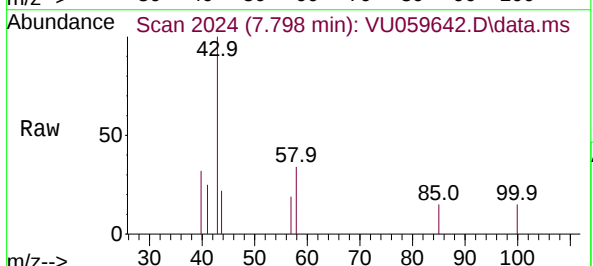
Instrument :
 MSVOA_U
 ClientSampleId :

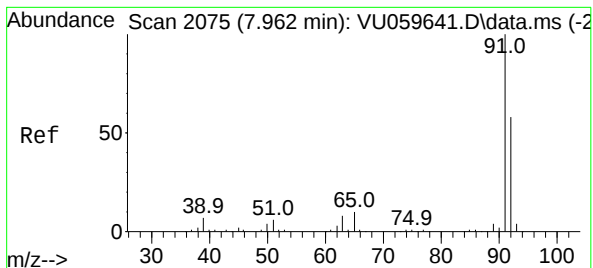
Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.0 40.8#



#40
 4-Methyl-2-pentanone
 Concen: 26.388 ug/L
 RT: 7.798 min Scan# 2024
 Delta R.T. 0.016 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

Tgt Ion: 43 Resp: 1475
 Ion Ratio Lower Upper
 43 100
 58 21.8 34.0 51.0#
 100 0.0 12.1 18.1#





#42

Toluene

Concen: 1.408 ug/L

RT: 7.972 min Scan# 2078

Delta R.T. 0.010 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

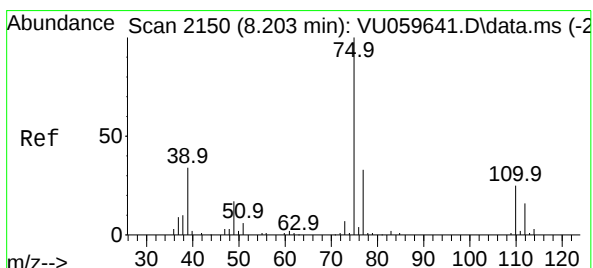
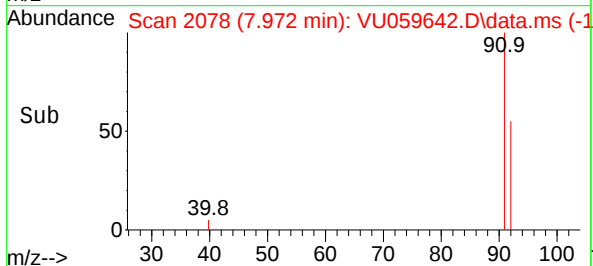
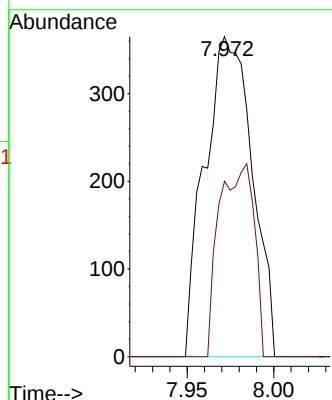
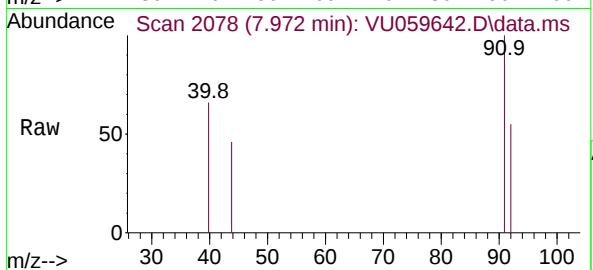
ClientSampleId :

Tgt Ion: 91 Resp: 695

Ion Ratio Lower Upper

91 100

92 54.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.929 ug/L

RT: 8.216 min Scan# 2154

Delta R.T. 0.013 min

Lab File: VU059642.D

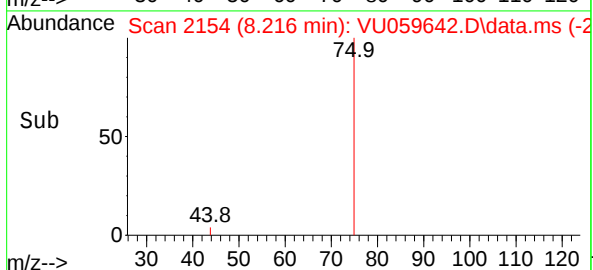
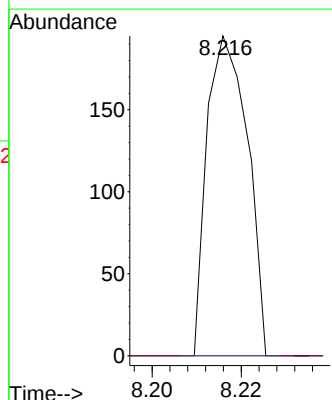
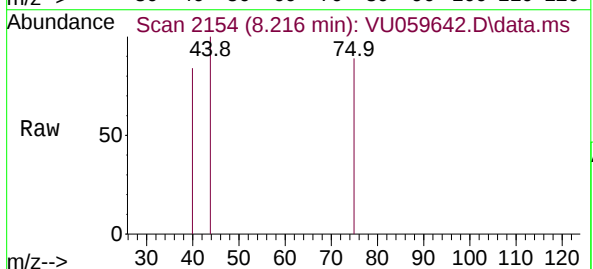
Acq: 28 Jun 2024 23:48

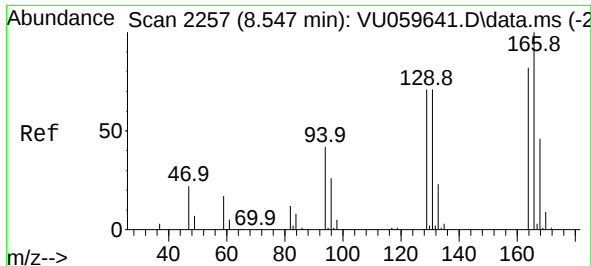
Tgt Ion: 75 Resp: 123

Ion Ratio Lower Upper

75 100

77 0.0 22.0 41.0#





#47

Tetrachloroethene

Concen: 3.246 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

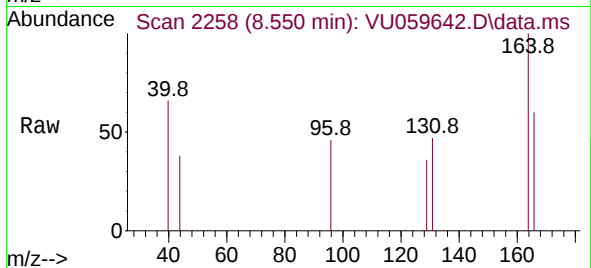
Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 318

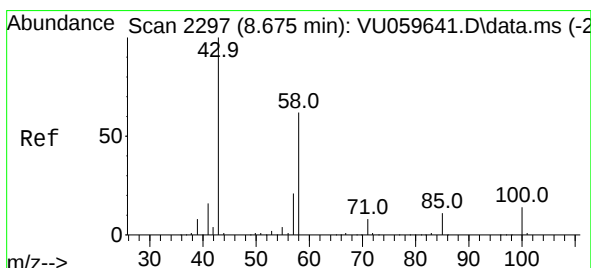
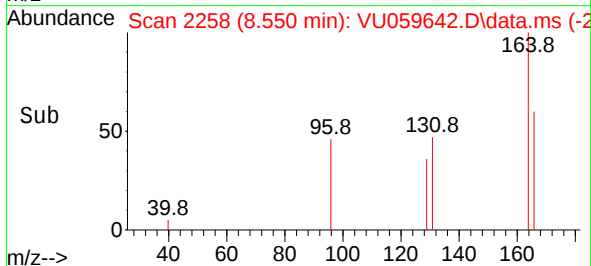
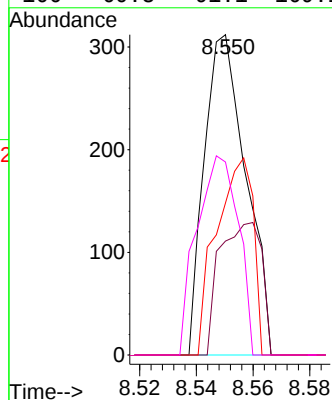
Ion Ratio Lower Upper

164 100

129 35.6 70.8 131.4#

131 47.4 64.8 120.3#

166 60.3 91.1 169.1#



#48

2-Hexanone

Concen: 71.843 ug/L

RT: 8.701 min Scan# 2305

Delta R.T. 0.026 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Tgt Ion: 43 Resp: 2866

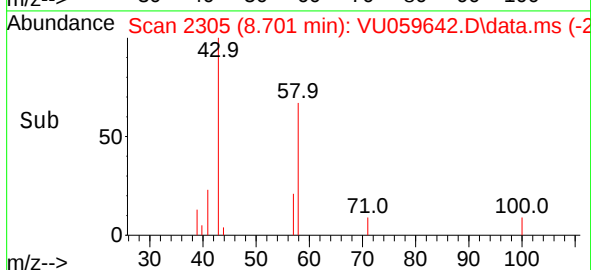
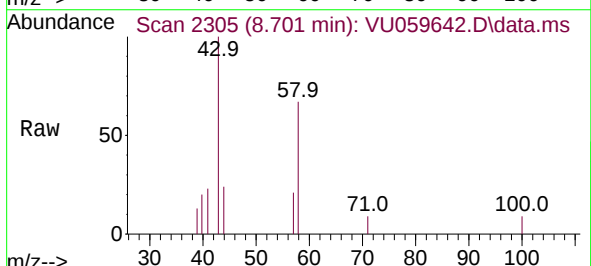
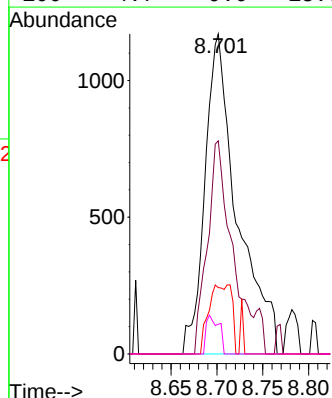
Ion Ratio Lower Upper

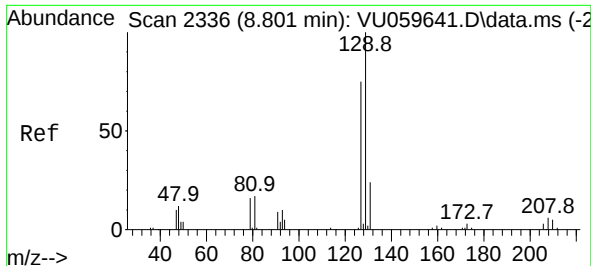
43 100

58 50.7 46.1 69.1

57 10.7 15.5 23.3#

100 4.7 9.0 13.6#





#49

Dibromochloromethane

Concen: 1.340 ug/L

RT: 8.560 min Scan# 21

Delta R.T. -0.241 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

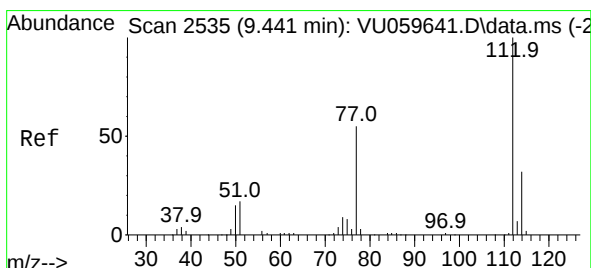
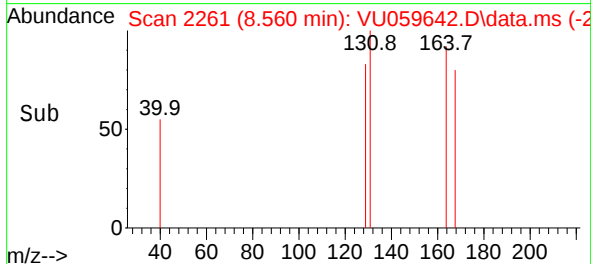
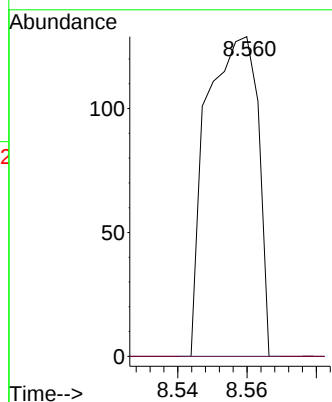
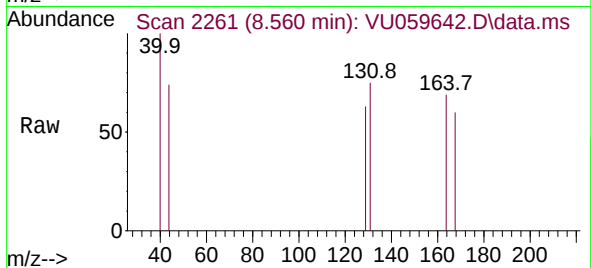
ClientSampleId :

Tgt Ion:129 Resp: 132

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#51

Chlorobenzene

Concen: 1.604 ug/L

RT: 9.454 min Scan# 2539

Delta R.T. 0.013 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

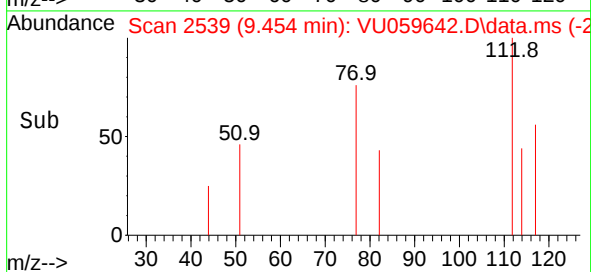
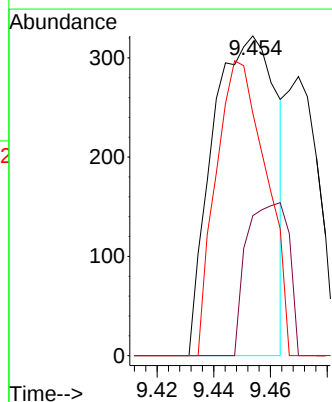
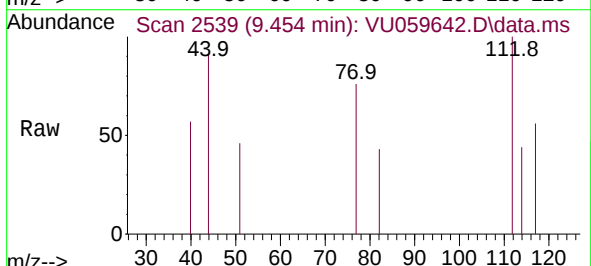
Tgt Ion:112 Resp: 502

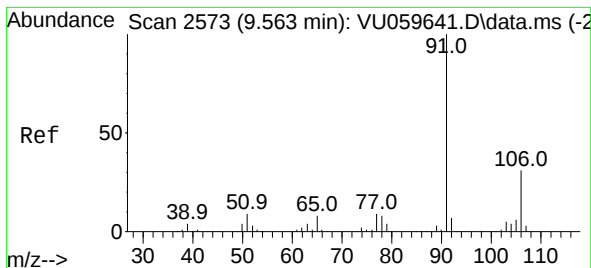
Ion Ratio Lower Upper

112 100

114 43.8 22.4 41.6#

77 75.8 49.1 73.7#





#52

Ethylbenzene

Concen: 2.123 ug/L

RT: 9.573 min Scan# 2573

Delta R.T. 0.010 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

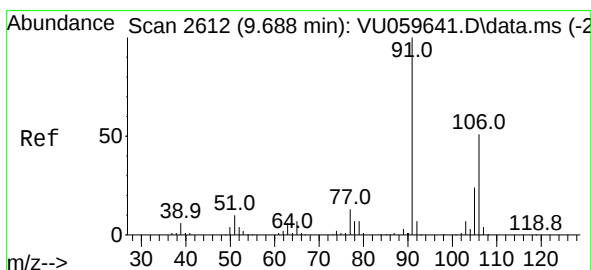
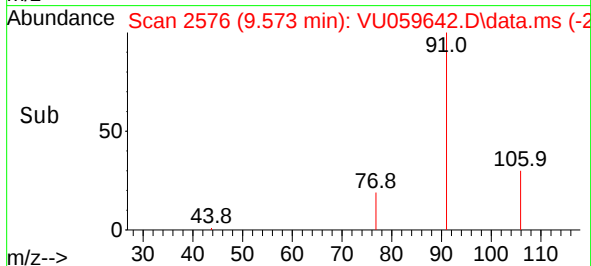
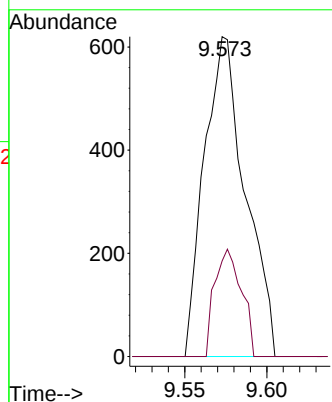
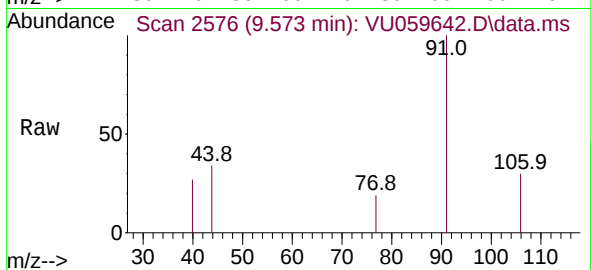
ClientSampleId :

Tgt Ion: 91 Resp: 1075

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.7



#53

m,p-Xylene

Concen: 0.231 ug/L

RT: 9.698 min Scan# 2615

Delta R.T. 0.010 min

Lab File: VU059642.D

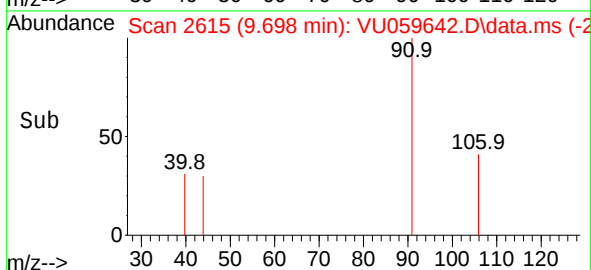
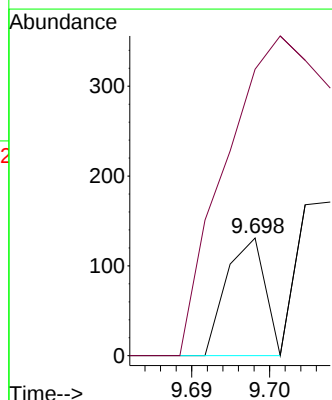
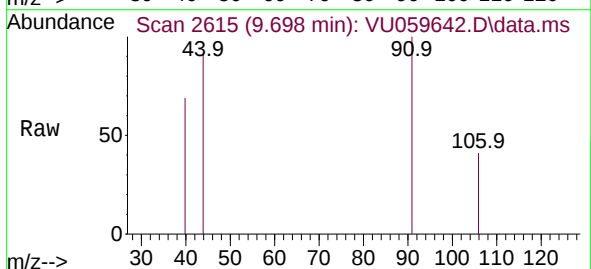
Acq: 28 Jun 2024 23:48

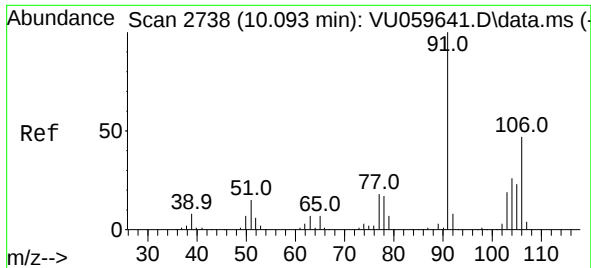
Tgt Ion:106 Resp: 45

Ion Ratio Lower Upper

106 100

91 243.5 142.0 263.8

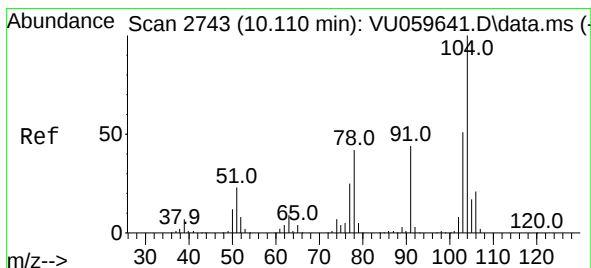
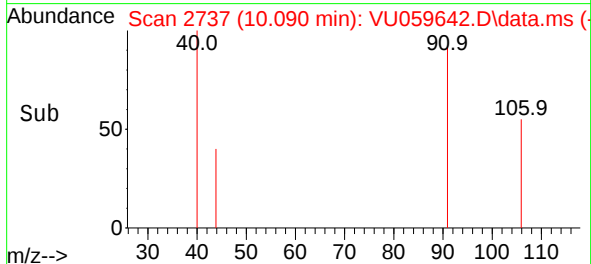
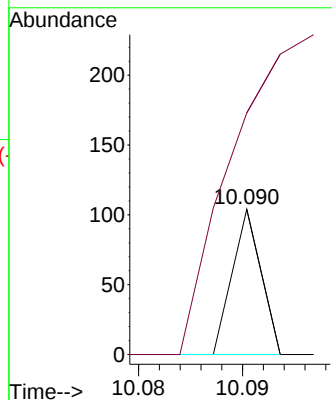
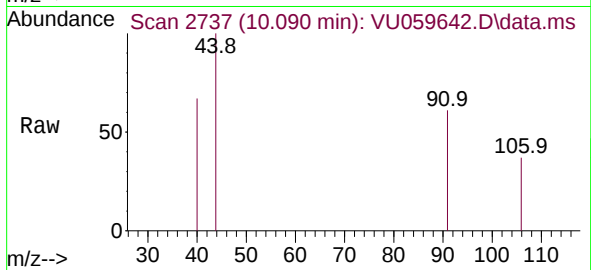




#54
o-Xylene
Concen: 0.108 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

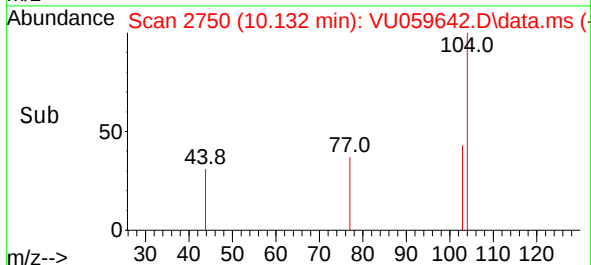
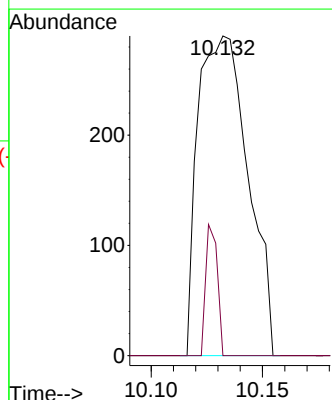
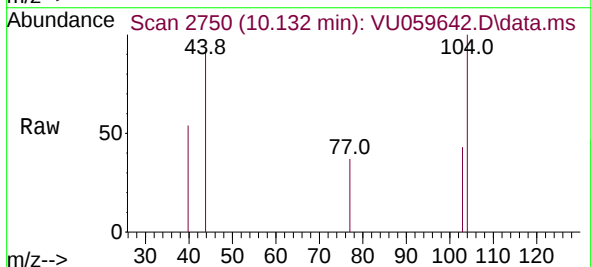
Instrument :
MSVOA_U
ClientSampleId :

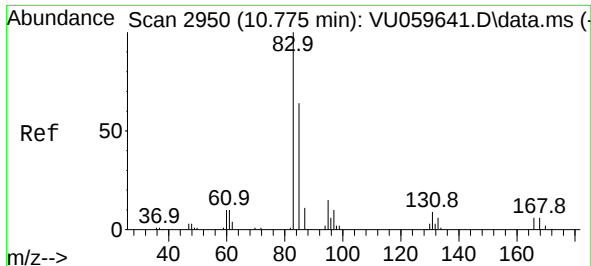
Tgt Ion:106 Resp: 20
Ion Ratio Lower Upper
106 100
91 166.3 151.6 281.6



#55
Styrene
Concen: 1.442 ug/L
RT: 10.132 min Scan# 2750
Delta R.T. 0.023 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

Tgt Ion:104 Resp: 453
Ion Ratio Lower Upper
104 100
78 0.0 32.3 60.1#





#57

1,1,2,2-Tetrachloroethane

Concen: 2.198 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :

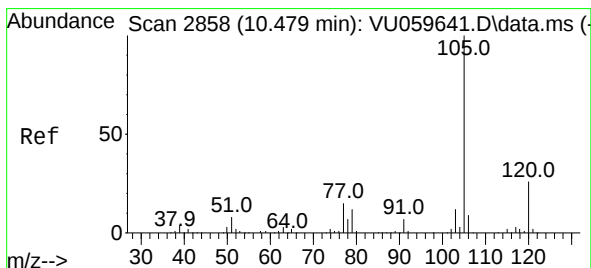
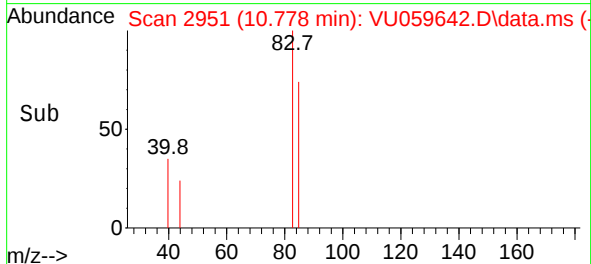
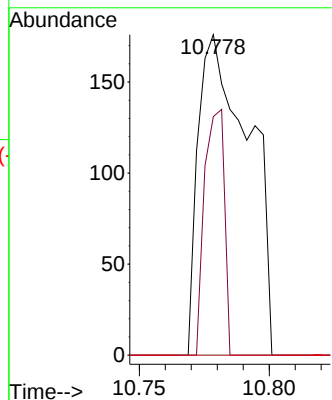
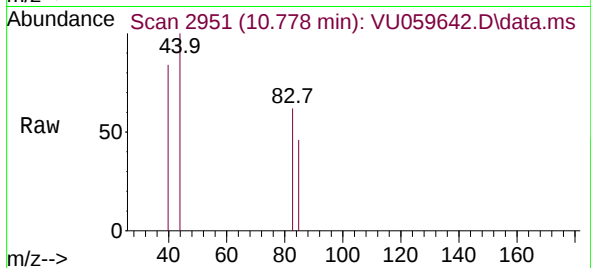
Tgt Ion: 83 Resp: 237

Ion Ratio Lower Upper

83 100

85 74.4 44.7 82.9

131 0.0 6.9 10.3#



#60

Isopropylbenzene

Concen: 0.820 ug/L

RT: 10.486 min Scan# 2860

Delta R.T. 0.007 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

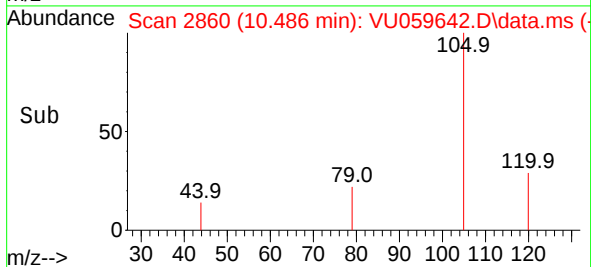
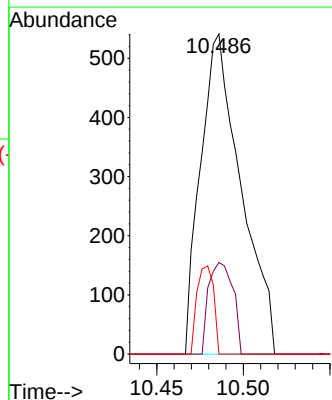
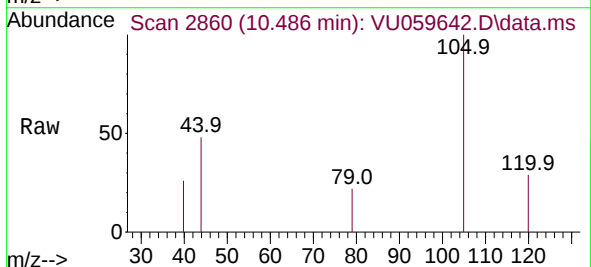
Tgt Ion: 105 Resp: 878

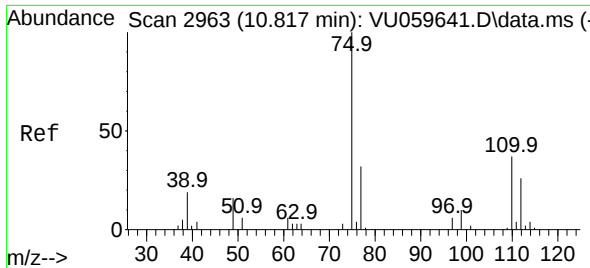
Ion Ratio Lower Upper

105 100

120 17.1 20.6 31.0#

77 11.3 12.8 19.2#

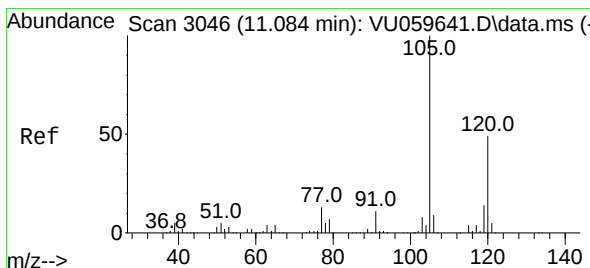
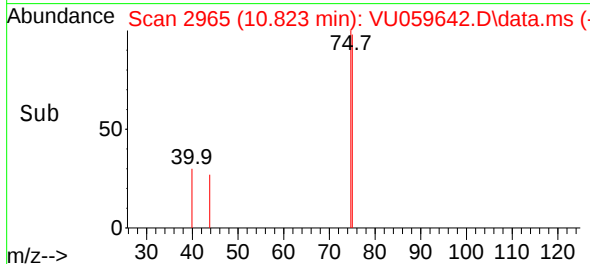
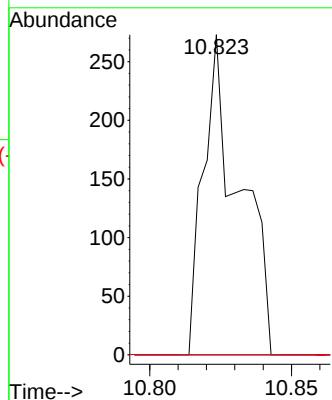
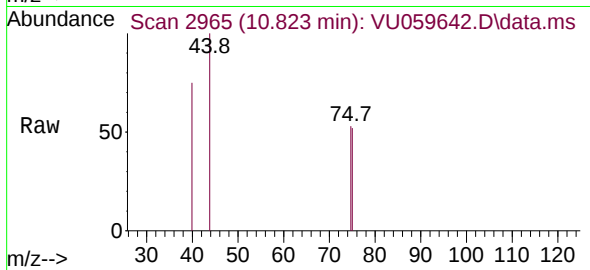




#61
 1,2,3-Trichloropropane
 Concen: 1.505 ug/L
 RT: 10.823 min Scan# 20
 Delta R.T. 0.007 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

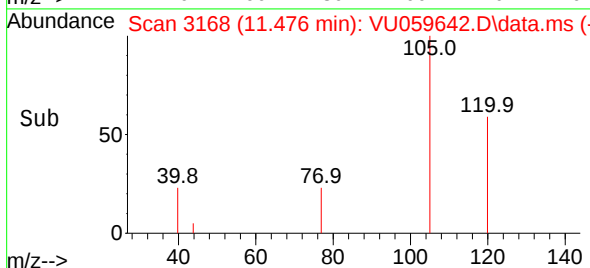
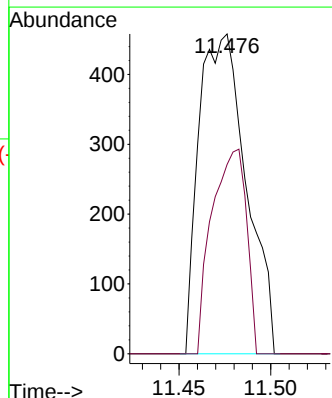
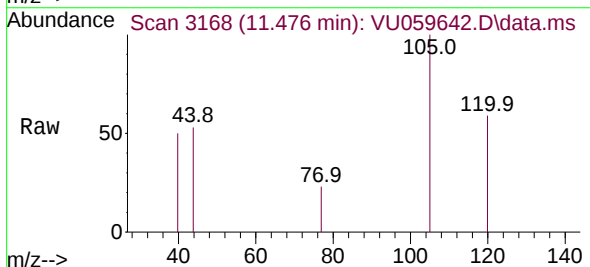
Instrument :
 MSVOA_U
 ClientSampleId :

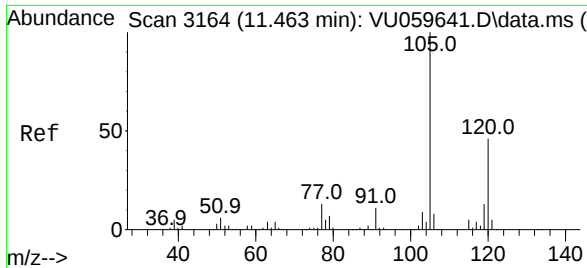
Tgt Ion: 75 Resp: 241
 Ion Ratio Lower Upper
 75 100
 110 0.0 27.1 40.7#
 77 17.8 25.4 38.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.969 ug/L
 RT: 11.476 min Scan# 3168
 Delta R.T. 0.392 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

Tgt Ion: 105 Resp: 822
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 1.014 ug/L

RT: 11.476 min Scan# 3168

Delta R.T. 0.013 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

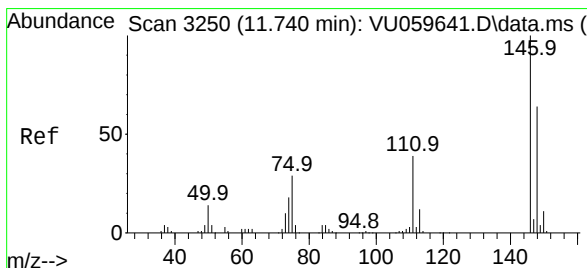
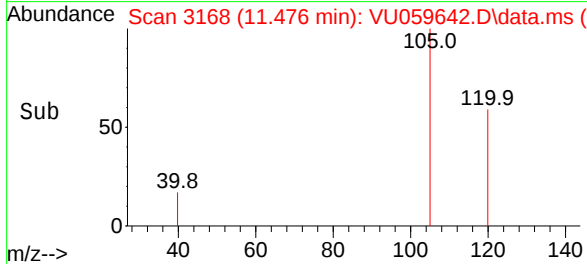
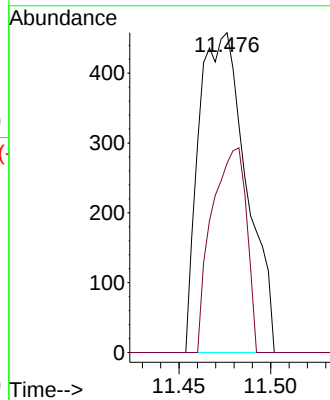
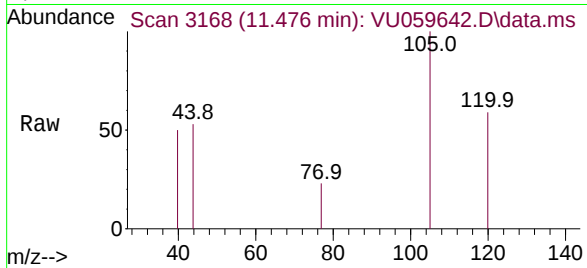
ClientSampleId :

Tgt Ion:105 Resp: 822

Ion Ratio Lower Upper

105 100

120 46.7 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 2.555 ug/L

RT: 11.753 min Scan# 3254

Delta R.T. 0.013 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

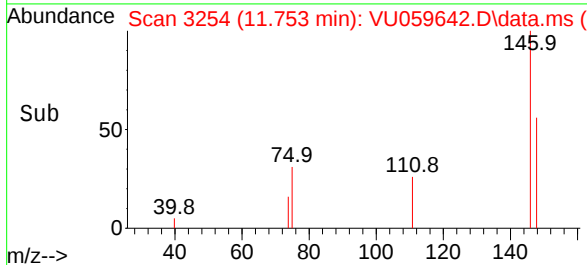
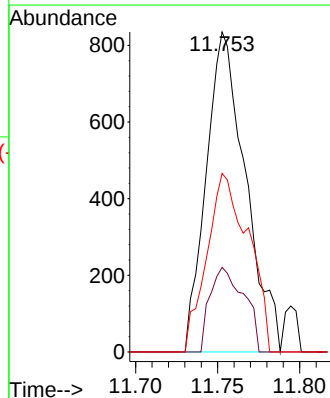
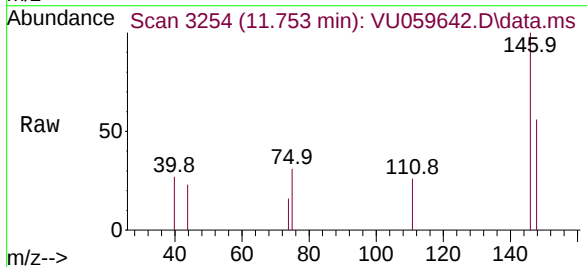
Tgt Ion:146 Resp: 1391

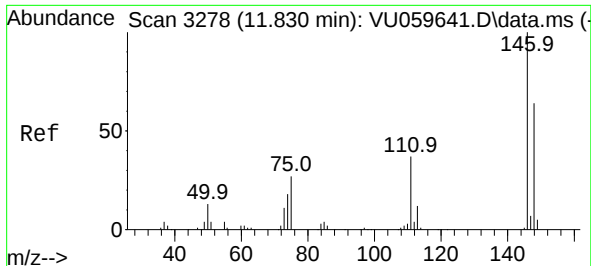
Ion Ratio Lower Upper

146 100

111 26.5 27.4 51.0#

148 55.8 45.0 83.6





#65

1,4-Dichlorobenzene

Concen: 2.425 ug/L

RT: 11.843 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :

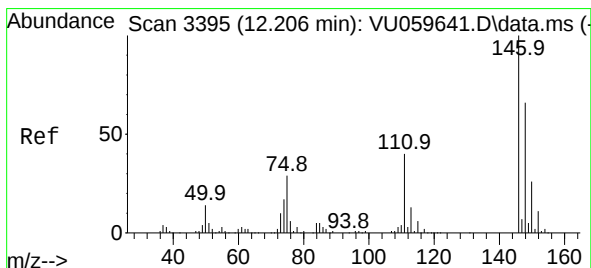
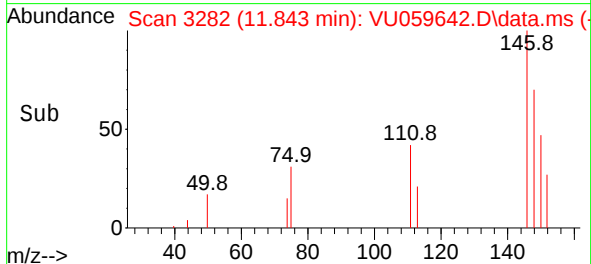
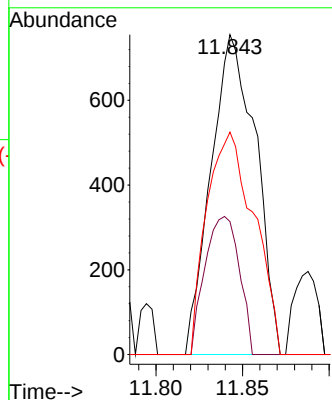
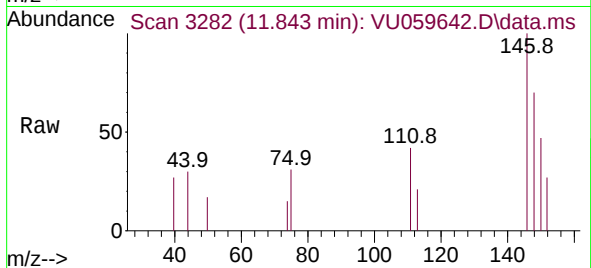
Tgt Ion:146 Resp: 1359

Ion Ratio Lower Upper

146 100

111 41.6 26.9 50.1

148 69.5 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 3.046 ug/L

RT: 12.213 min Scan# 3397

Delta R.T. 0.007 min

Lab File: VU059642.D

Acq: 28 Jun 2024 23:48

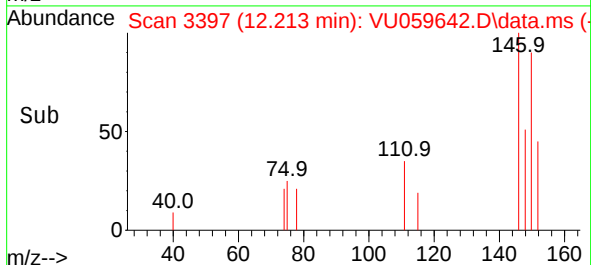
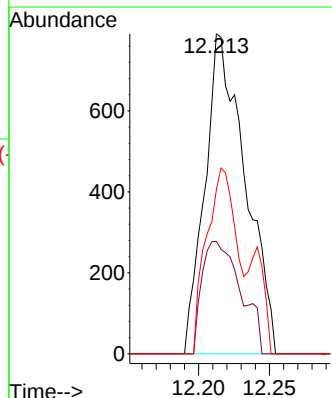
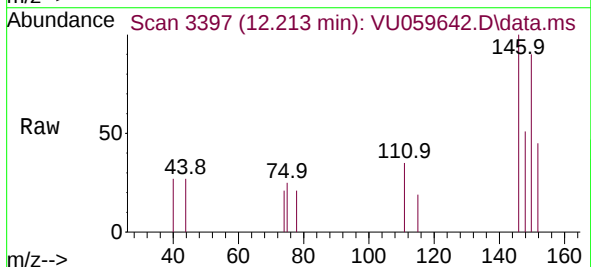
Tgt Ion:146 Resp: 1561

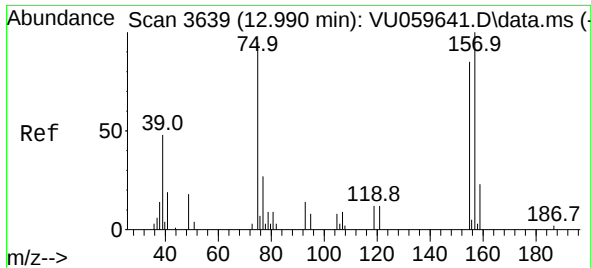
Ion Ratio Lower Upper

146 100

111 35.2 33.4 50.0

148 51.3 49.7 74.5

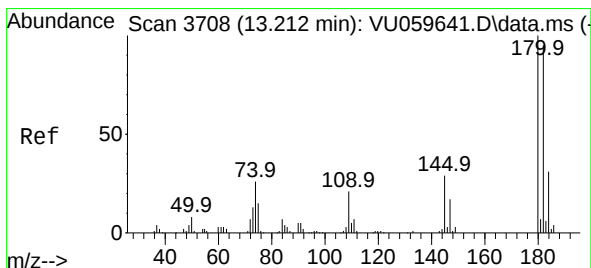
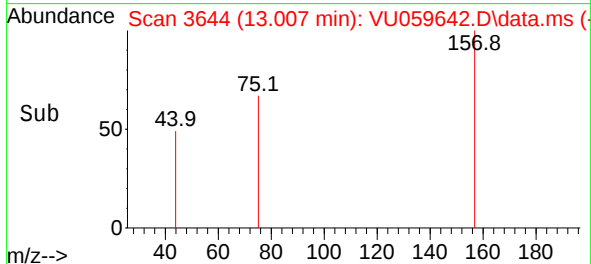
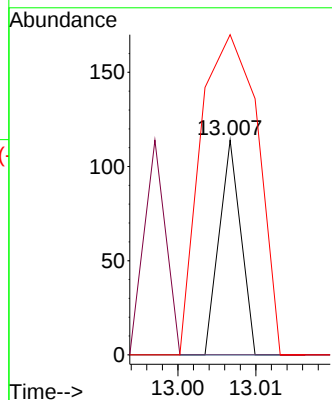
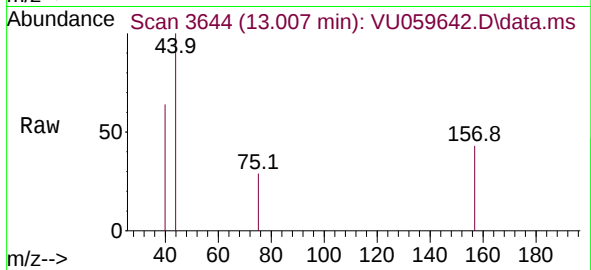




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.704 ug/L
 RT: 13.007 min Scan# 3644
 Delta R.T. 0.016 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

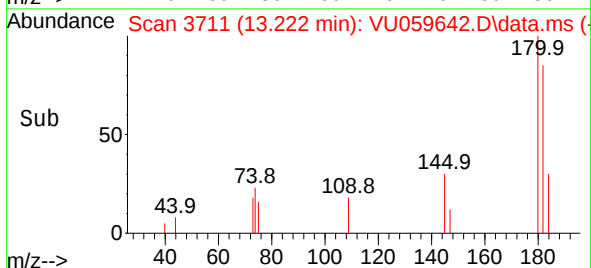
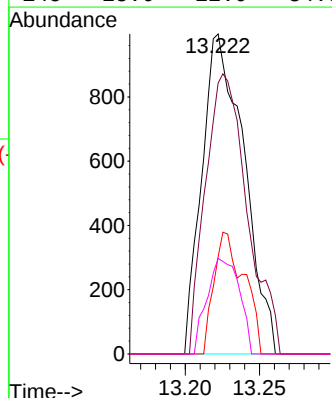
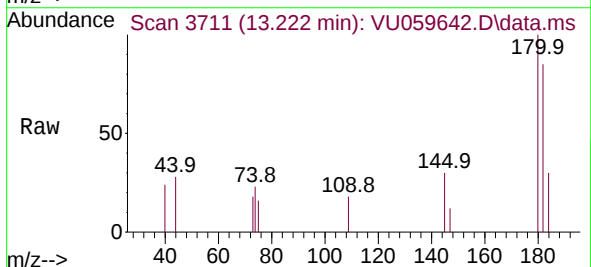
Instrument :
 MSVOA_U
 ClientSampleId :

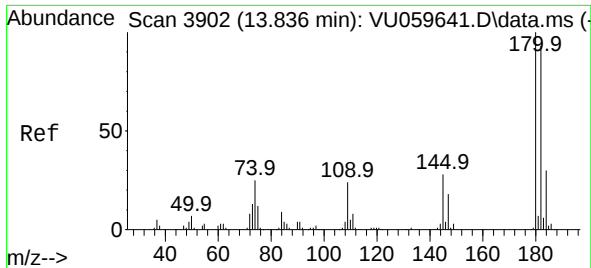
Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 149.1 80.0 120.0#



#69
 1,3,5-Trichlorobenzene
 Concen: 4.853 ug/L
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.010 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

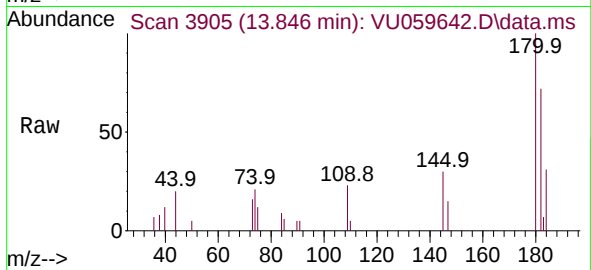
Tgt Ion: 180 Resp: 1956
 Ion Ratio Lower Upper
 180 100
 182 87.1 75.4 113.0
 184 27.1 23.0 34.6
 145 23.0 22.9 34.3



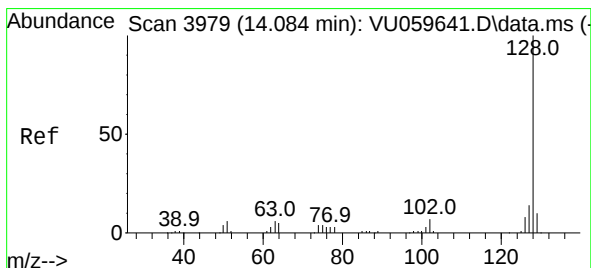
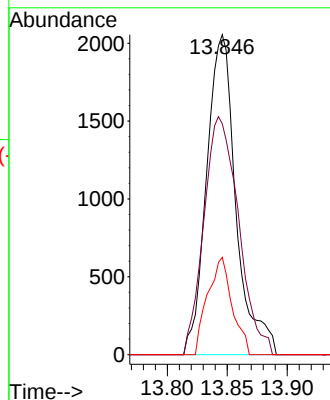
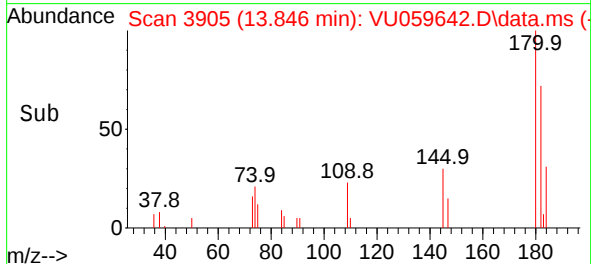


#70
1,2,4-trichlorobenzene
Concen: 11.343 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

Instrument :
MSVOA_U
ClientSampleId :

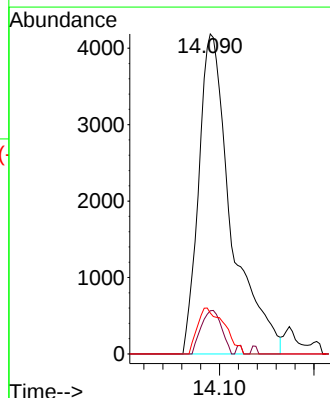
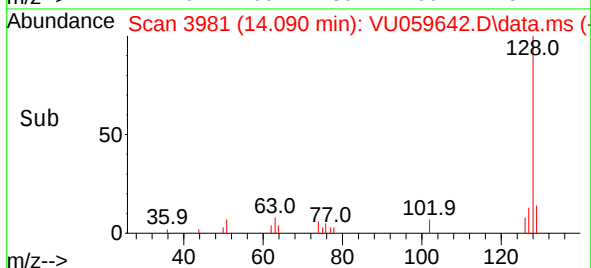
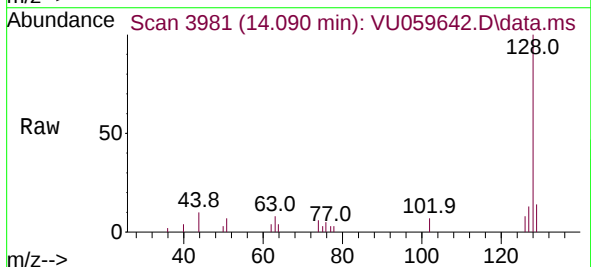


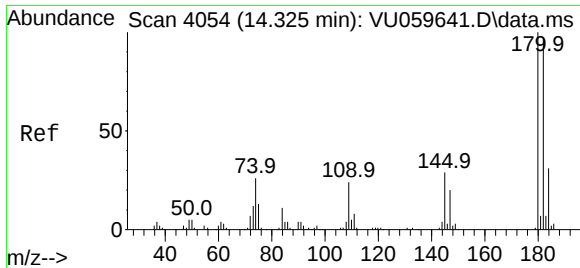
Tgt Ion:180 Resp: 3507
Ion Ratio Lower Upper
180 100
182 87.7 74.9 112.3
145 25.3 23.9 35.9



#71
Naphthalene
Concen: 22.523 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.007 min
Lab File: VU059642.D
Acq: 28 Jun 2024 23:48

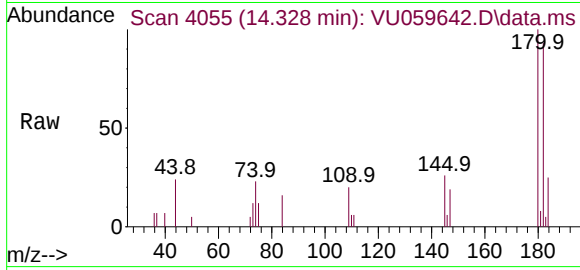
Tgt Ion:128 Resp: 9967
Ion Ratio Lower Upper
128 100
129 8.6 8.2 12.4
127 11.9 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 13.338 ug/L
 RT: 14.328 min Scan# 4054
 Delta R.T. 0.003 min
 Lab File: VU059642.D
 Acq: 28 Jun 2024 23:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3829
Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.0	115.6
145	29.3	26.2	39.4

