

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059775.D
 Acq On : 03 Jul 2024 06:18
 Operator : MD/SY
 Sample : VU0703WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK010

Quant Time: Jul 03 06:34:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	313	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.418	117	1552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.817	152	1835	5.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	267	12.268	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	245.400%#	
7) Chloroethane-d5	1.911	69	98	4.680	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.560	65	40	4.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	5.055	84	137	3.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	61.400%#	
26) 1,2-Dichloroethane-d4	5.701	65	144	6.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.800%#	
32) Benzene-d6	5.730	84	419	0.981	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	19.600%#	
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	7.904	98	837	2.108	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	42.200%#	
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	8.656	63	123	7.223	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	14.440%#	
56) 1,1,2,2-Tetrachloroeth...	10.759	84	323	2.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	59.800%#	
66) 1,2-Dichlorobenzene-d4	12.196	152	1207	3.696	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	74.000%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	111	4.185	ug/L #	41
3) Chloromethane	1.518	50	417	14.608	ug/L #	82
5) Vinyl chloride	1.602	62	224	7.104	ug/L #	42
6) Bromomethane	1.859	94	40	1.824	ug/L	94
12) 1,1-Dichloroethene	2.579	96	155	6.982	ug/L #	55
13) Acetone	2.647	43	121	41.607	ug/L	70
14) Carbon disulfide	2.788	76	1857	25.073	ug/L	97
15) Methyl Acetate	2.943	43	71	9.252	ug/L #	51
16) Methylene chloride	3.039	84	28120	1068.976	ug/L	89
18) trans-1,2-Dichloroethene	3.354	96	241	10.439	ug/L #	53
21) 2-Butanone	4.692	43	58	12.434	ug/L #	47
22) cis-1,2-Dichloroethene	4.669	96	184	7.231	ug/L #	37
25) Chloroform	5.081	83	115	2.565	ug/L #	64
27) 1,2-Dichloroethane	5.811	62	43	1.582	ug/L #	74
33) Benzene	5.772	78	463	0.982	ug/L	100
34) Trichloroethene	6.534	95	137	1.073	ug/L #	54
35) Methylcyclohexane	6.766	83	20	0.110	ug/L #	18
38) Bromodichloromethane	7.103	83	67	0.440	ug/L #	55
39) cis-1,3-Dichloropropene	7.614	75	67	0.402	ug/L #	43

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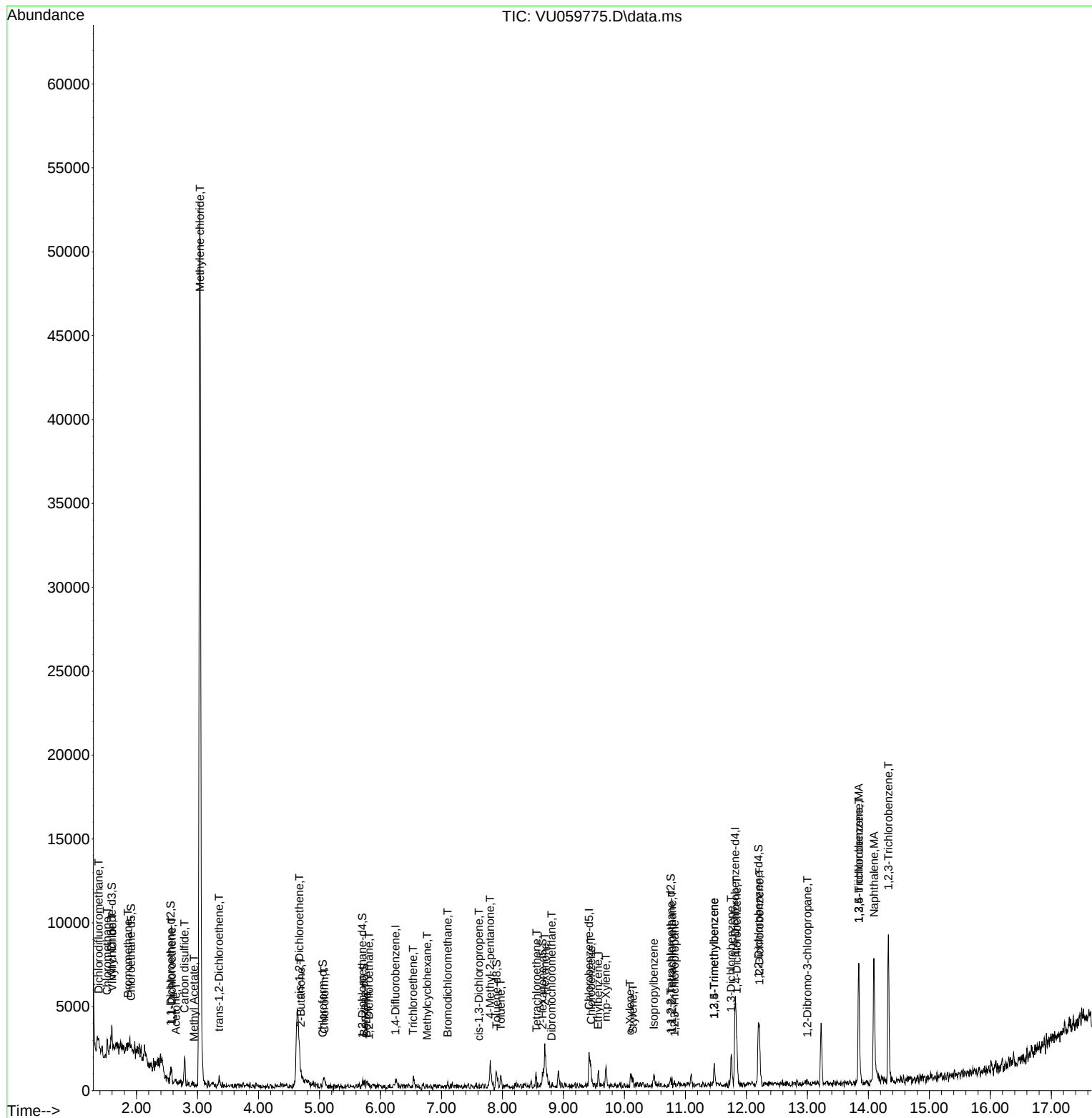
40) 4-Methyl-2-pentanone	7.798	43	1244	22.012	ug/L #	73
42) Toluene	7.971	91	439	0.880	ug/L	83
47) Tetrachloroethene	8.560	164	131	1.323	ug/L #	45
48) 2-Hexanone	8.698	43	966	23.950	ug/L #	43
49) Dibromochloromethane	8.804	129	43	0.432	ug/L #	12
51) Chlorobenzene	9.454	112	839	2.651	ug/L	94
52) Ethylbenzene	9.566	91	896	1.750	ug/L	83
53) m,p-Xylene	9.698	106	419	2.131	ug/L	78
54) o-Xylene	10.094	106	238	1.276	ug/L #	29
55) Styrene	10.139	104	341	1.074	ug/L #	30
57) 1,1,2,2-Tetrachloroethane	10.782	83	134	1.229	ug/L #	95
60) Isopropylbenzene	10.483	105	838	0.739	ug/L #	68
61) 1,2,3-Trichloropropane	10.823	75	181	1.067	ug/L #	60
62) 1,3,5-Trimethylbenzene	11.473	105	1110	1.236	ug/L	95
63) 1,2,4-Trimethylbenzene	11.473	105	1110	1.293	ug/L	100
64) 1,3-Dichlorobenzene	11.749	146	1316	2.283	ug/L	84
65) 1,4-Dichlorobenzene	11.843	146	1455	2.452	ug/L	89
67) 1,2-Dichlorobenzene	12.216	146	1378	2.540	ug/L	89
68) 1,2-Dibromo-3-chloropr...	13.000	75	23	0.695	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.846	180	3102	7.268	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	3102	9.475	ug/L	95
71) Naphthalene	14.093	128	8792	18.763	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	3648	12.001	ug/L #	86

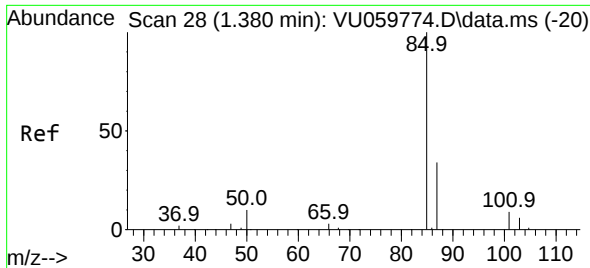
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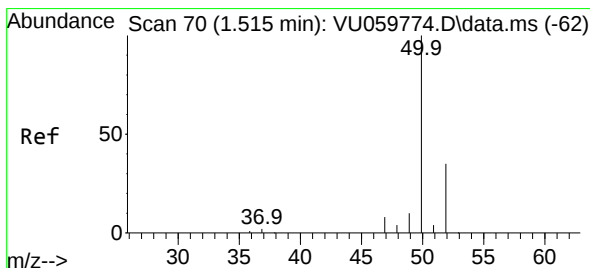
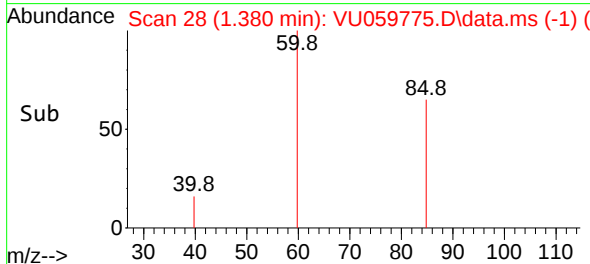
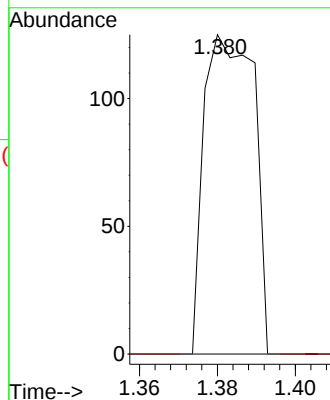
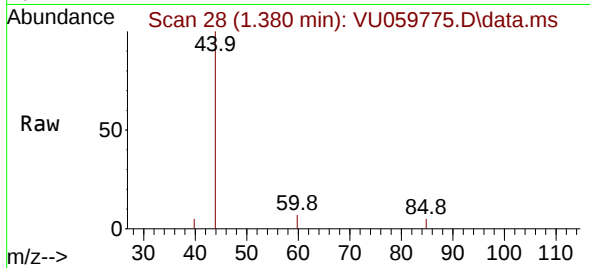




#2
 Dichlorodifluoromethane
 Concen: 4.185 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059775.D
 Acq: 03 Jul 2024 06:18

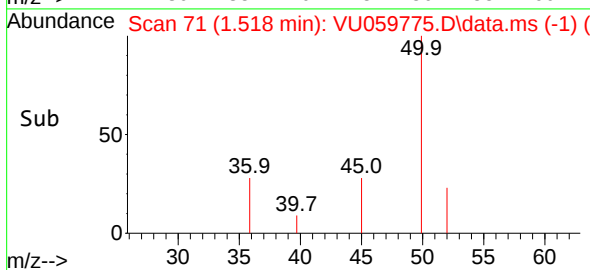
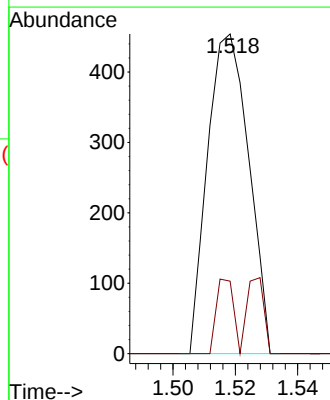
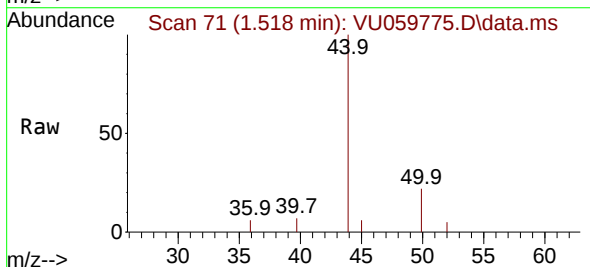
Instrument :
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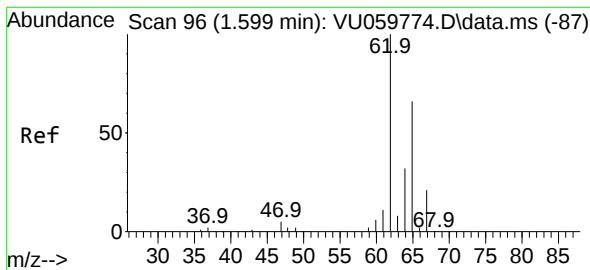
Tgt Ion: 85 Resp: 111
 Ion Ratio Lower Upper
 85 100
 87 0.0 26.6 40.0#



#3
 Chloromethane
 Concen: 14.608 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU059775.D
 Acq: 03 Jul 2024 06:18

Tgt Ion: 50 Resp: 417
 Ion Ratio Lower Upper
 50 100
 52 22.7 23.2 43.0#





#5

Vinyl chloride

Concen: 7.104 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

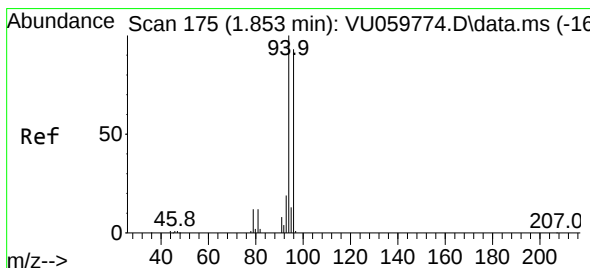
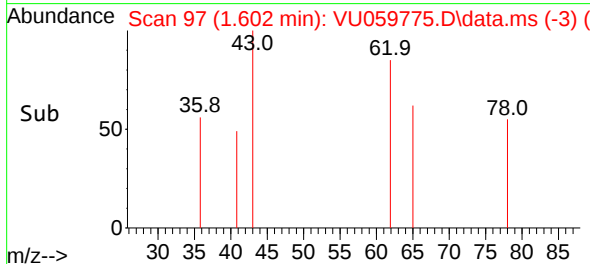
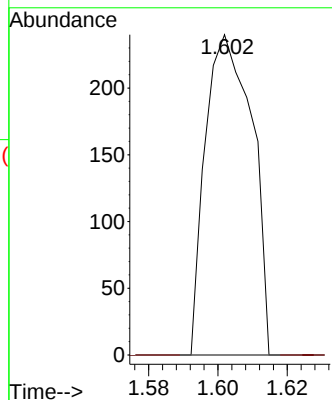
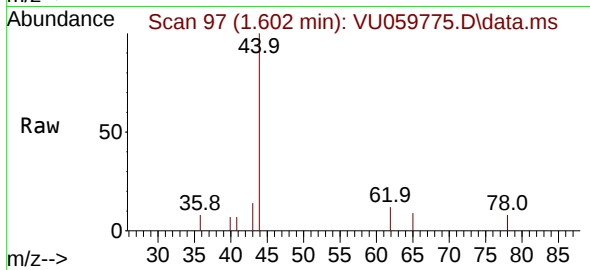
VBLK010

Tgt Ion: 62 Resp: 224

Ion Ratio Lower Upper

62 100

64 0.0 23.1 42.9#



#6

Bromomethane

Concen: 1.824 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.006 min

Lab File: VU059775.D

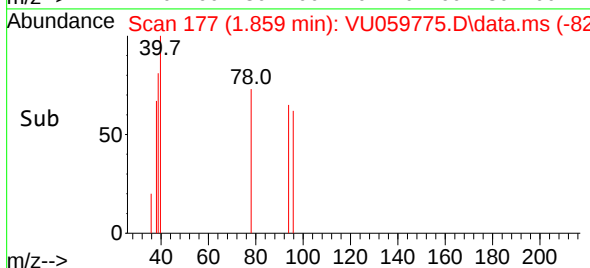
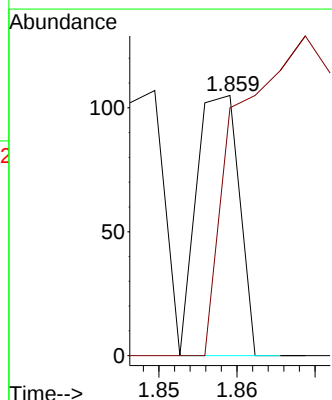
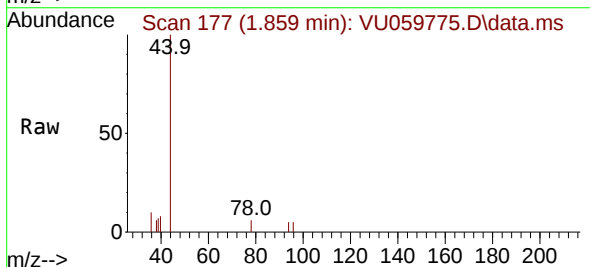
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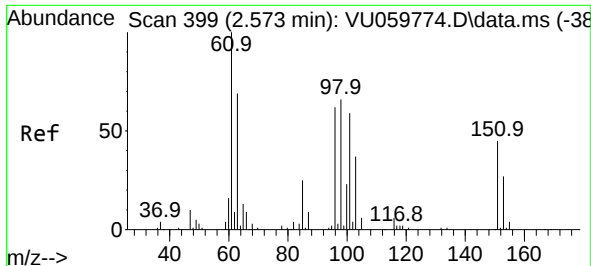
Tgt Ion: 94 Resp: 40

Ion Ratio Lower Upper

94 100

96 95.2 62.9 116.9





#12

1,1-Dichloroethene

Concen: 6.982 ug/L

RT: 2.579 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK010

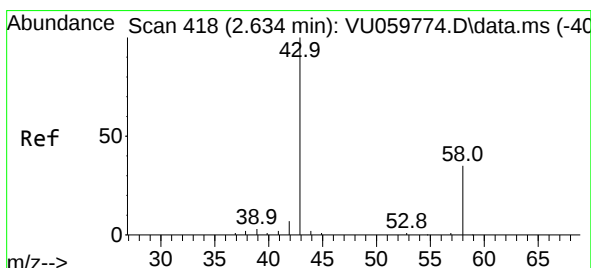
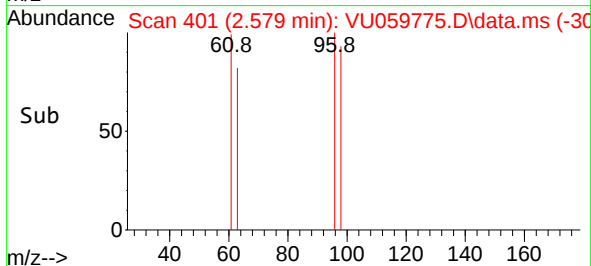
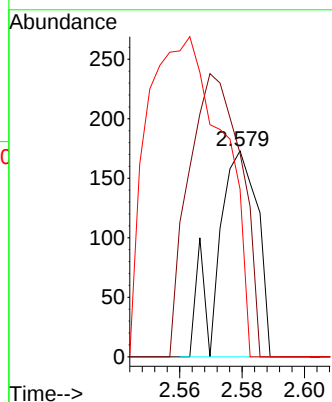
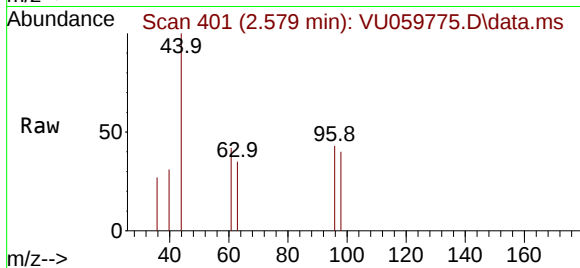
Tgt Ion: 96 Resp: 155

Ion Ratio Lower Upper

96 100

61 98.8 122.9 228.3#

63 81.5 80.4 149.4



#13

Acetone

Concen: 41.607 ug/L

RT: 2.647 min Scan# 422

Delta R.T. 0.013 min

Lab File: VU059775.D

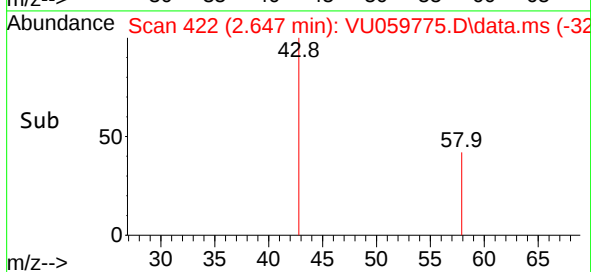
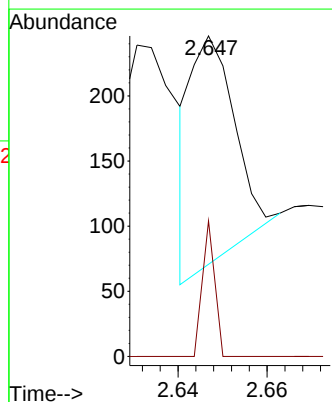
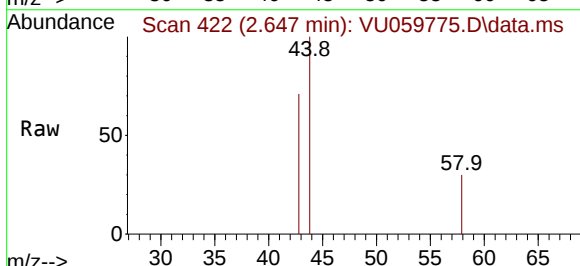
Acq: 03 Jul 2024 06:18

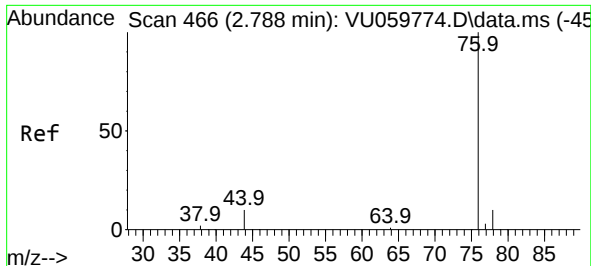
Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

58 16.5 0.0 68.0

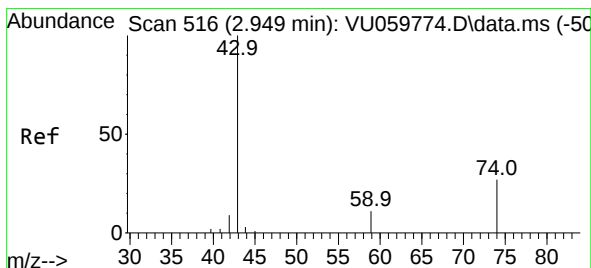
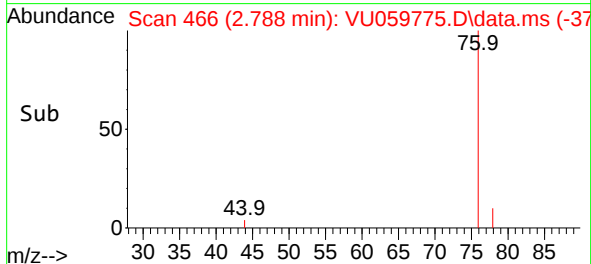
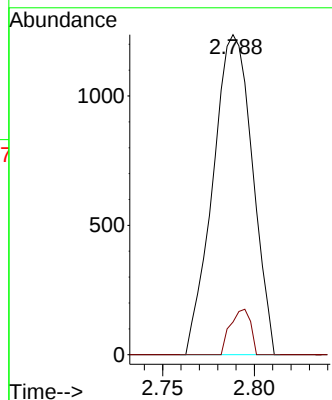
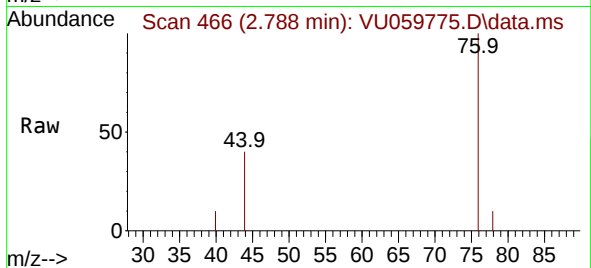




#14
Carbon disulfide
Concen: 25.073 ug/L
RT: 2.788 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

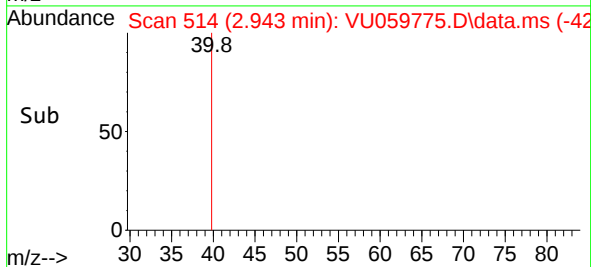
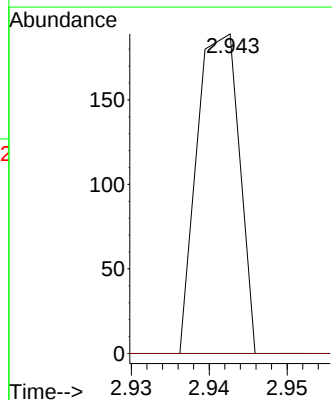
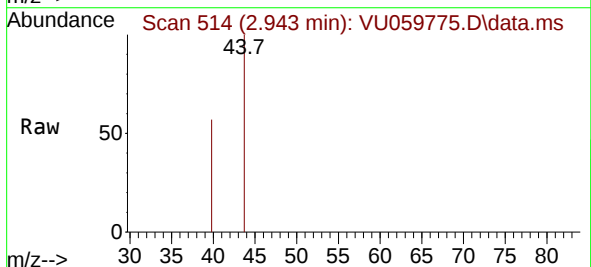
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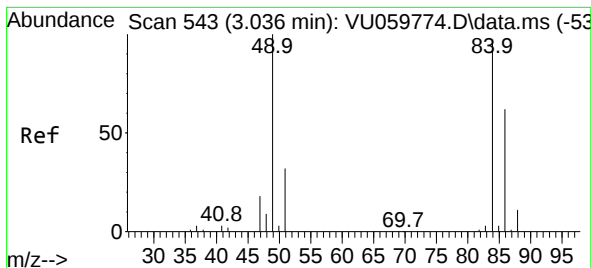
Tgt Ion: 76 Resp: 1857
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#15
Methyl Acetate
Concen: 9.252 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.006 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#16

Methylene chloride

Concen: 1068.976 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

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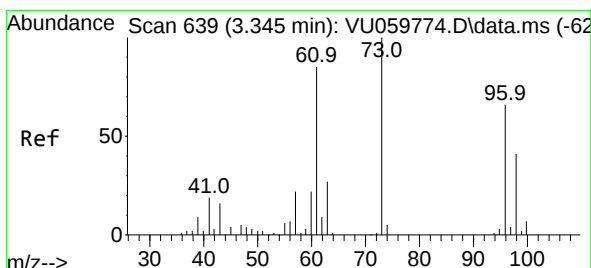
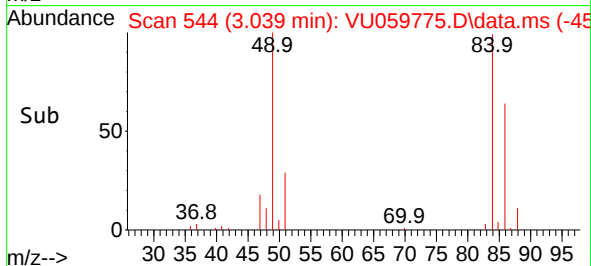
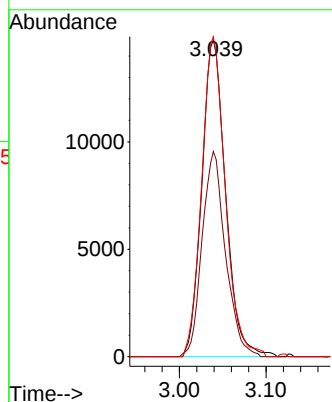
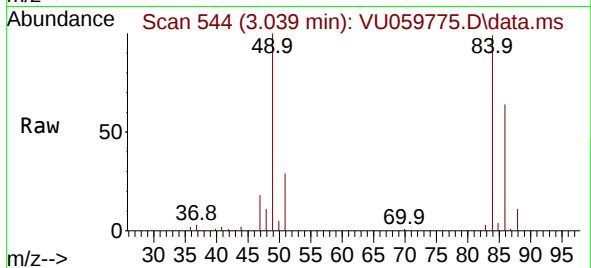
Tgt Ion: 84 Resp: 28120

Ion Ratio Lower Upper

84 100

86 64.7 42.1 78.1

49 101.0 80.6 149.8



#18

trans-1,2-Dichloroethene

Concen: 10.439 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.010 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

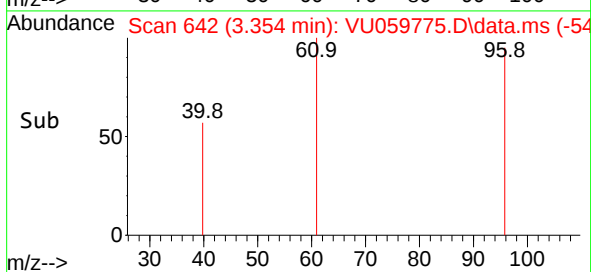
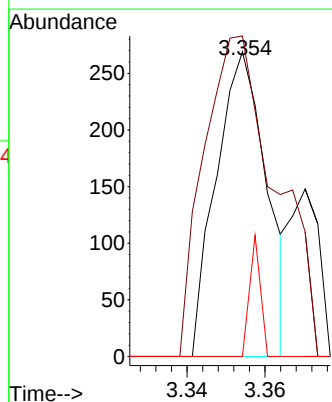
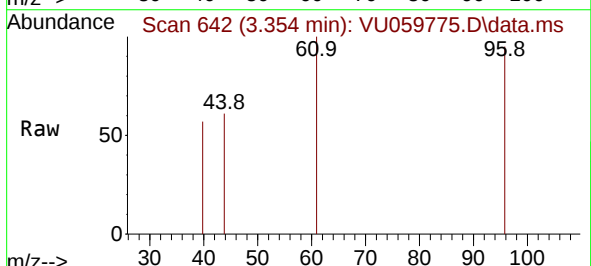
Tgt Ion: 96 Resp: 241

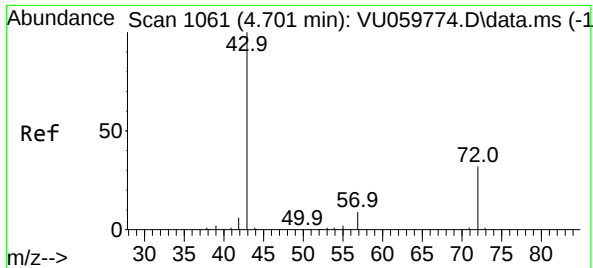
Ion Ratio Lower Upper

96 100

61 105.2 101.8 189.0

98 0.0 43.3 80.5#

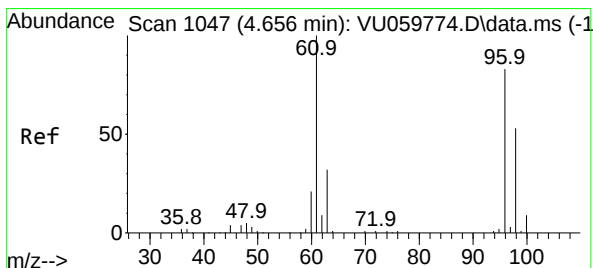
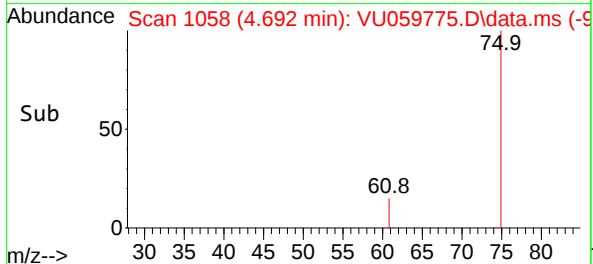
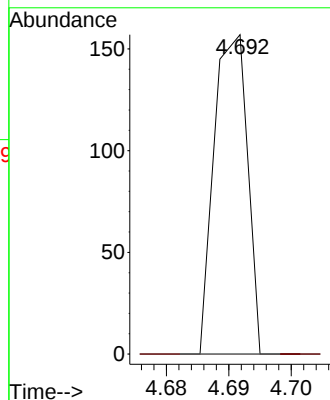
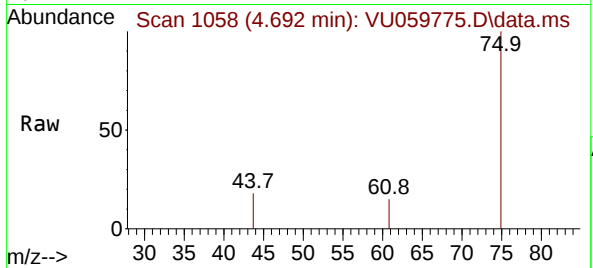




#21
2-Butanone
Concen: 12.434 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.010 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

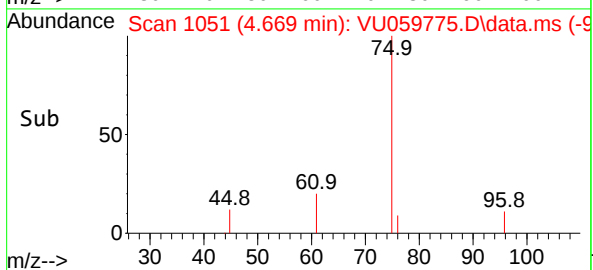
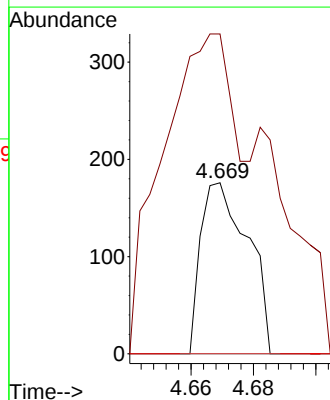
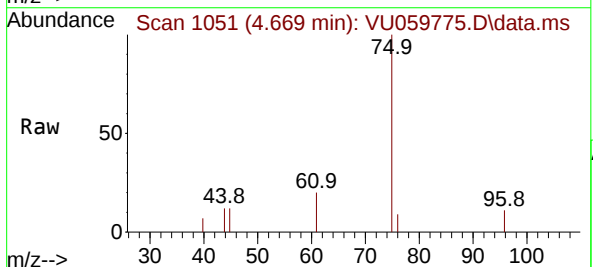
Instrument :
MSVOA_U
ClientSampleId :
VBLK010

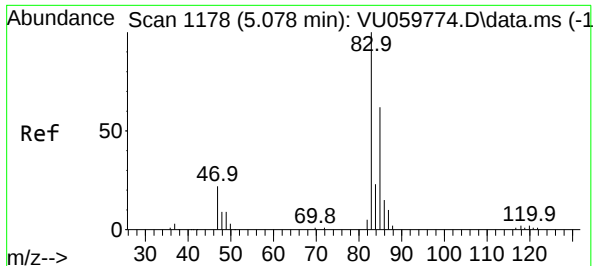
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
72 0.0 13.8 41.4#



#22
cis-1,2-Dichloroethene
Concen: 7.231 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion: 96 Resp: 184
Ion Ratio Lower Upper
96 100
61 186.9 87.4 162.2#
98 0.0 42.3 78.5#





#25

Chloroform

Concen: 2.565 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

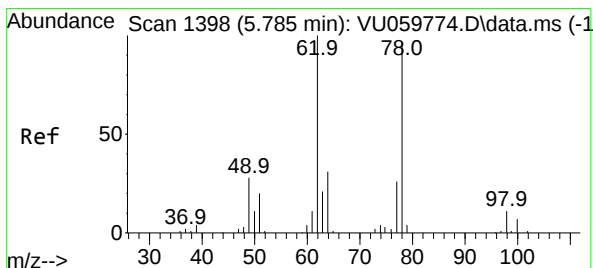
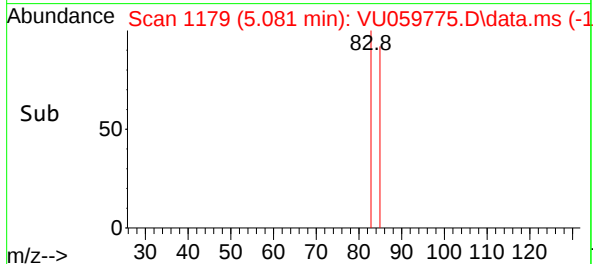
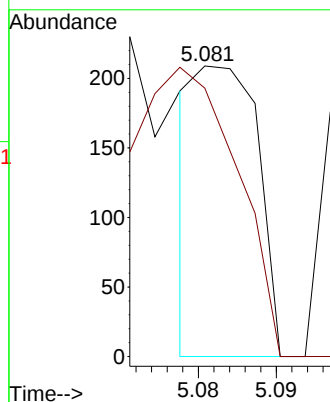
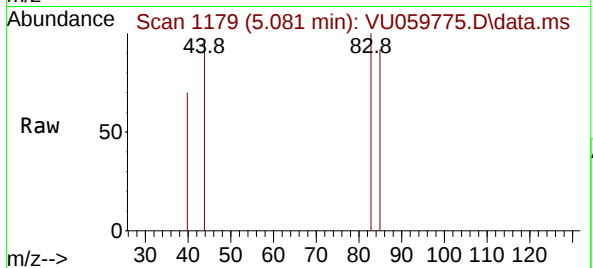
VBLK010

Tgt Ion: 83 Resp: 115

Ion Ratio Lower Upper

83 100

85 92.3 44.7 83.1#



#27

1,2-Dichloroethane

Concen: 1.582 ug/L

RT: 5.811 min Scan# 1406

Delta R.T. 0.026 min

Lab File: VU059775.D

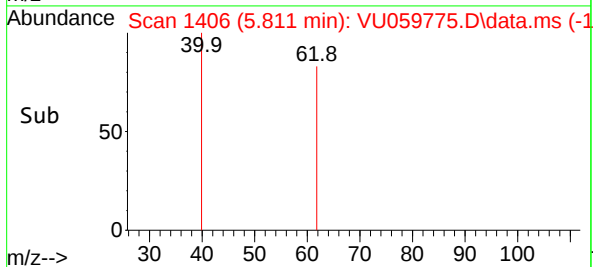
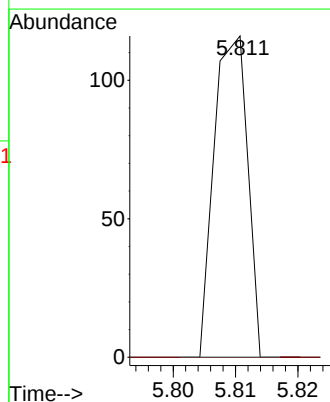
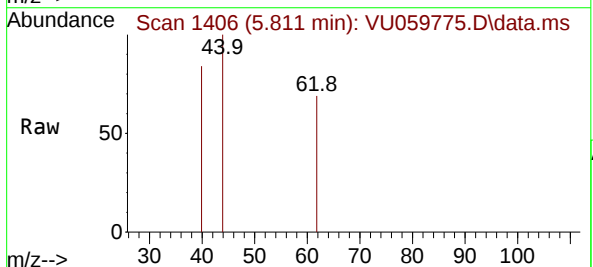
Acq: 03 Jul 2024 06:18

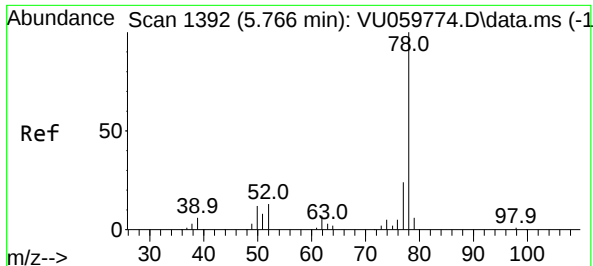
Tgt Ion: 62 Resp: 43

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.982 ug/L

RT: 5.772 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

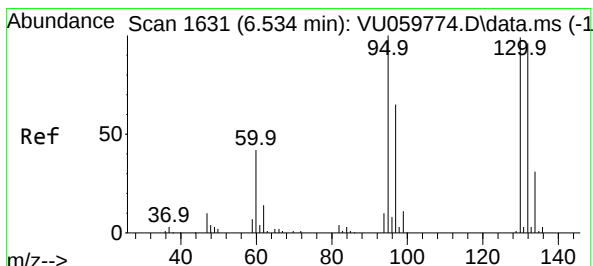
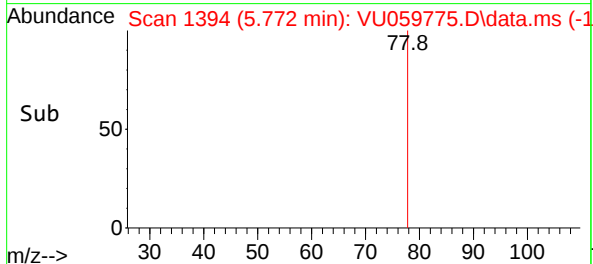
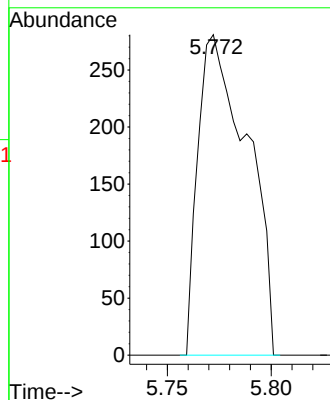
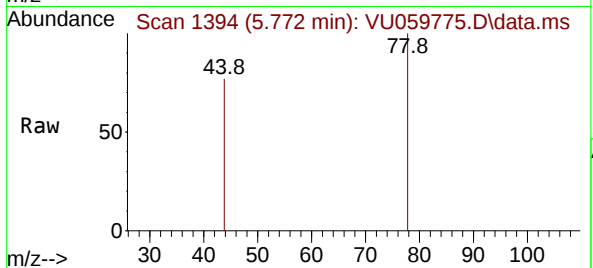
Instrument :

MSVOA_U

ClientSampleId :

VBLK010

Tgt Ion: 78 Resp: 463



#34

Trichloroethene

Concen: 1.073 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Tgt Ion: 95 Resp: 137

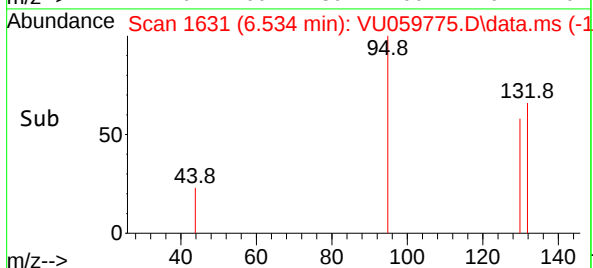
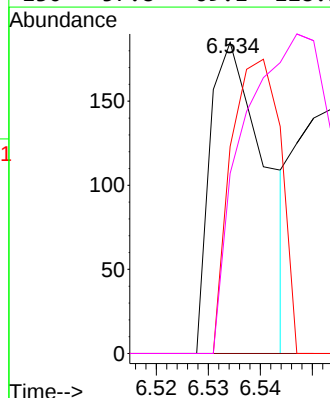
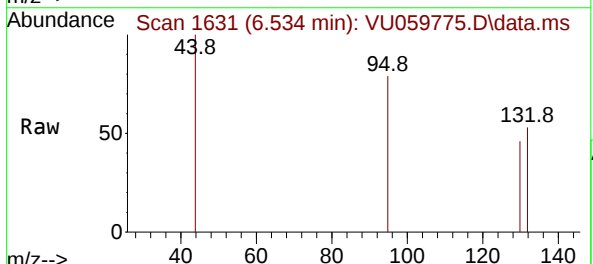
Ion Ratio Lower Upper

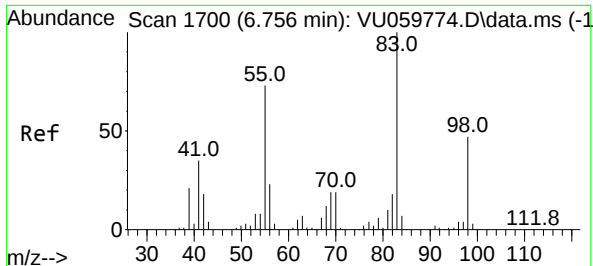
95 100

97 0.0 45.3 84.1#

132 66.5 64.0 119.0

130 57.8 69.1 128.3#





#35

Methylcyclohexane

Concen: 0.110 ug/L

RT: 6.766 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK010

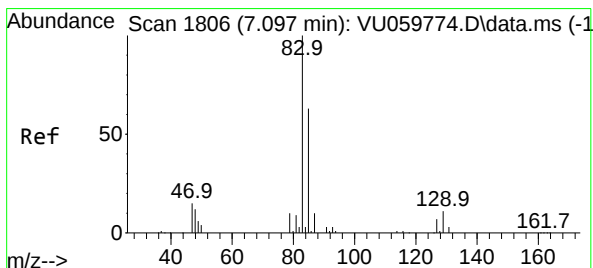
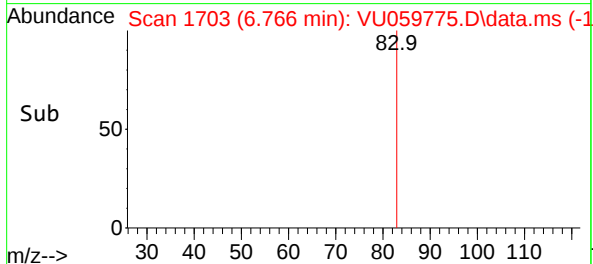
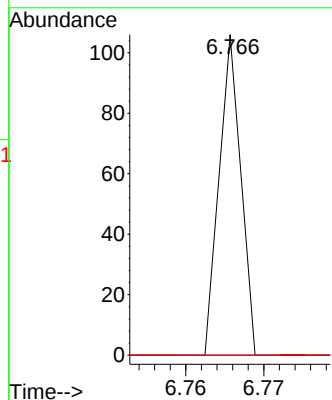
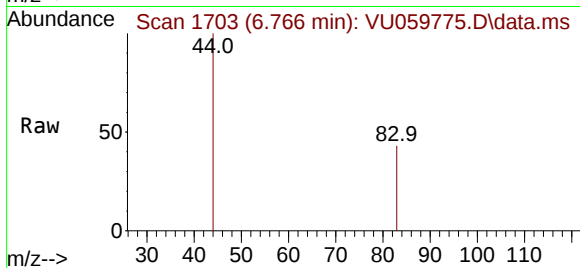
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 35.4 53.0#



#38

Bromodichloromethane

Concen: 0.440 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

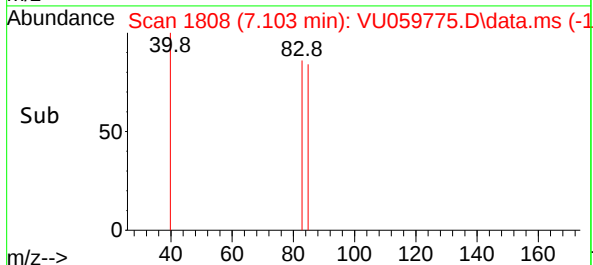
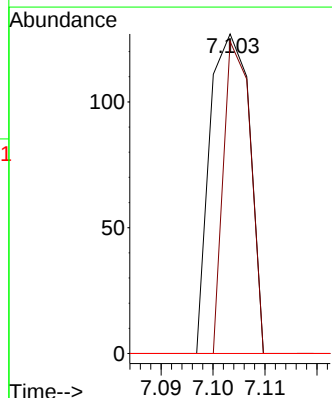
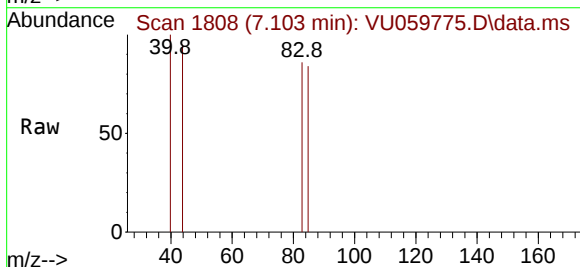
Tgt Ion: 83 Resp: 67

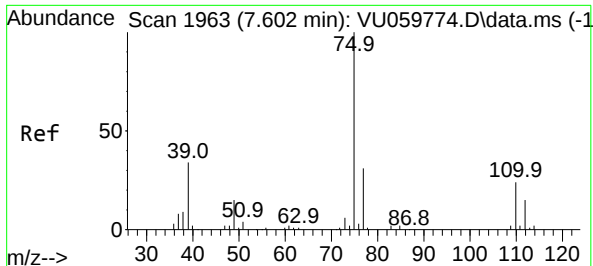
Ion Ratio Lower Upper

83 100

85 97.6 42.7 79.3#

127 0.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 7.614 min Scan# 1963

Delta R.T. 0.013 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

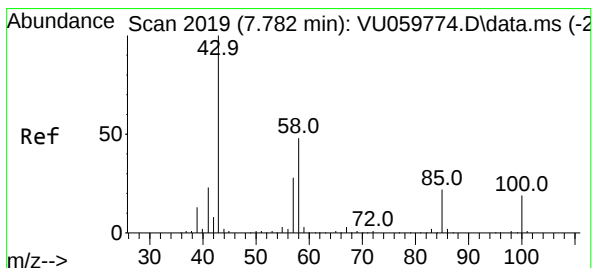
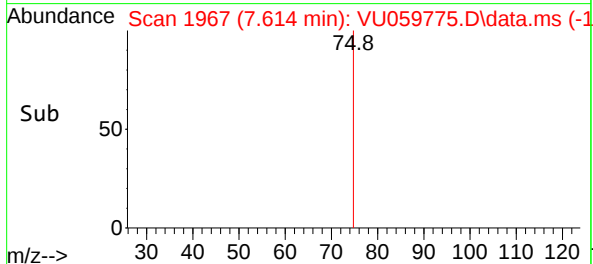
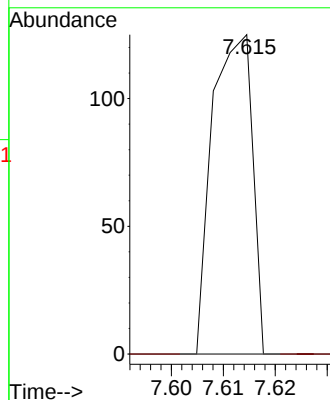
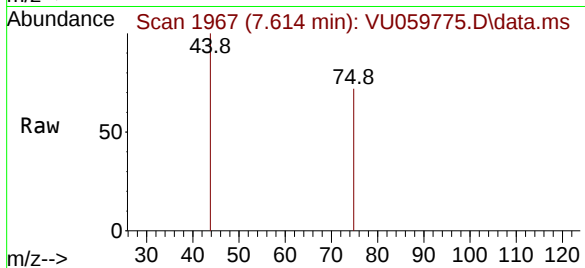
VBLK010

Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

75 100

77 0.0 22.0 40.8#



#40

4-Methyl-2-pentanone

Concen: 22.012 ug/L

RT: 7.798 min Scan# 2024

Delta R.T. 0.016 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

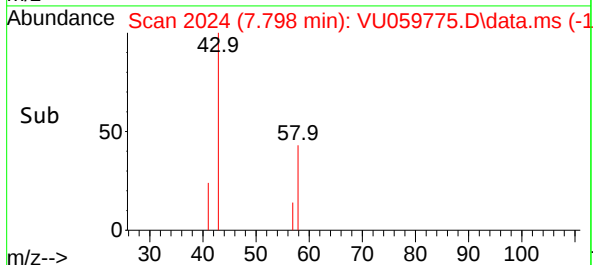
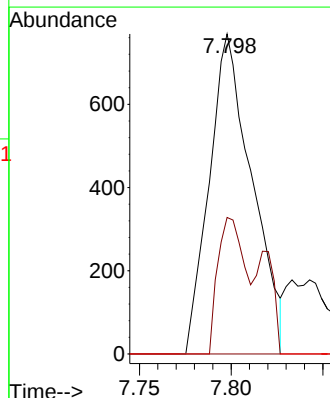
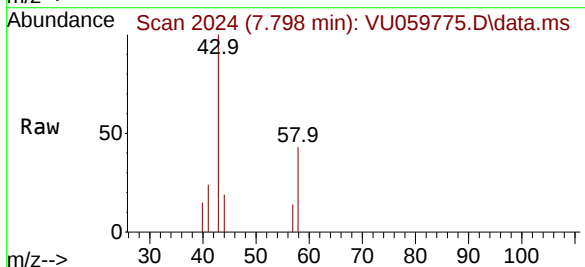
Tgt Ion: 43 Resp: 1244

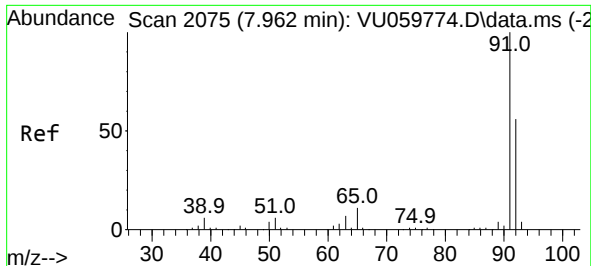
Ion Ratio Lower Upper

43 100

58 27.0 34.0 51.0#

100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.880 ug/L

RT: 7.971 min Scan# 2075

Delta R.T. 0.010 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

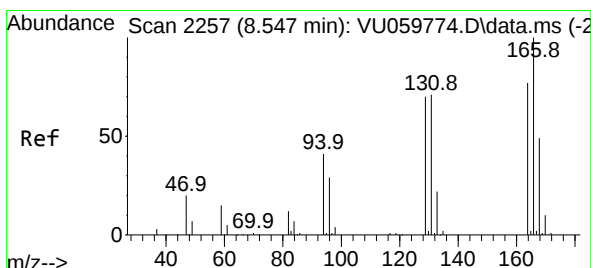
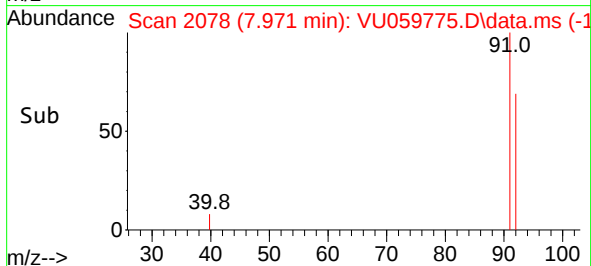
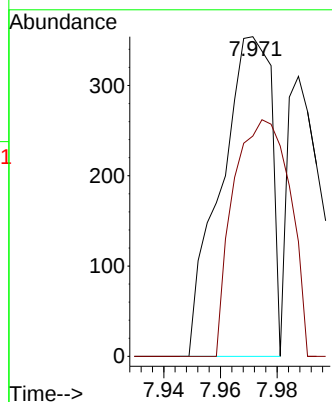
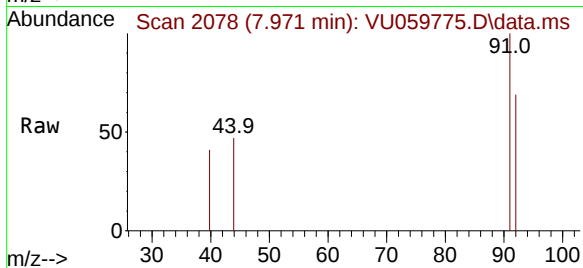
VBLK010

Tgt Ion: 91 Resp: 439

Ion Ratio Lower Upper

91 100

92 68.9 39.7 73.7



#47

Tetrachloroethene

Concen: 1.323 ug/L

RT: 8.560 min Scan# 2261

Delta R.T. 0.013 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Tgt Ion: 164 Resp: 131

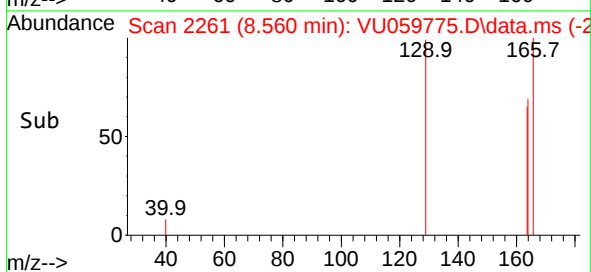
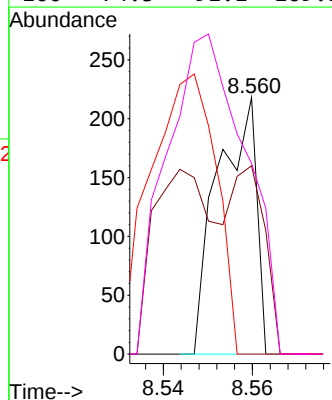
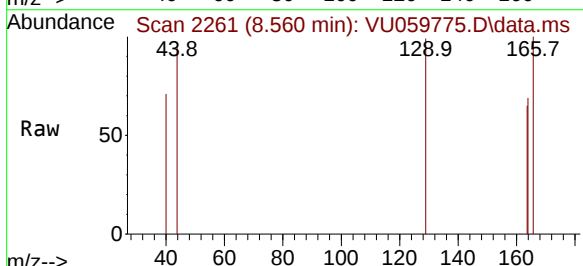
Ion Ratio Lower Upper

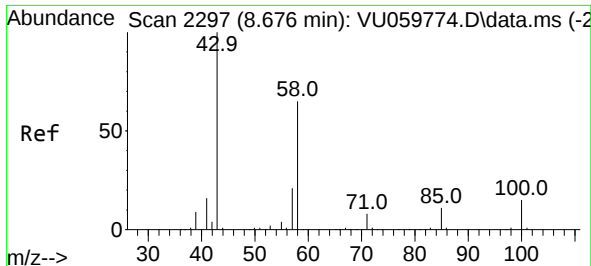
164 100

129 73.4 70.8 131.4

131 0.0 64.8 120.3#

166 74.3 91.1 169.1#

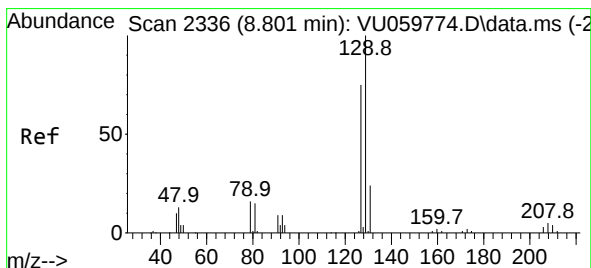
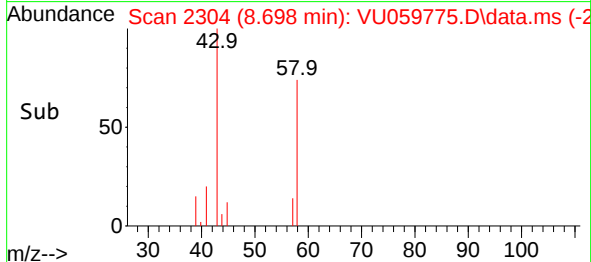
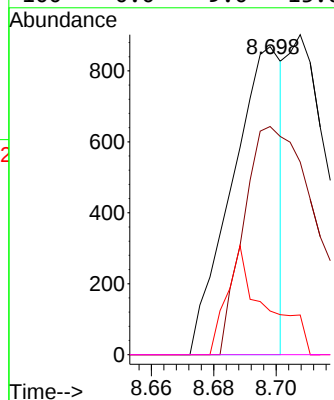
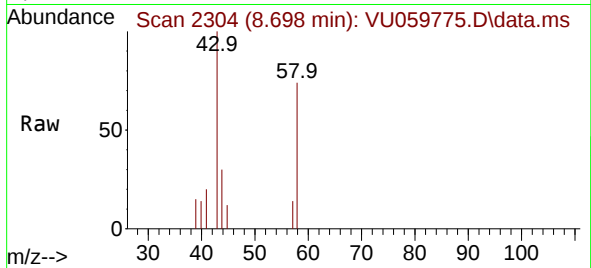




#48
2-Hexanone
Concen: 23.950 ug/L
RT: 8.698 min Scan# 21
Delta R.T. 0.023 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

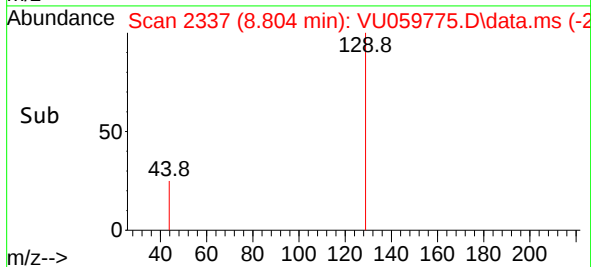
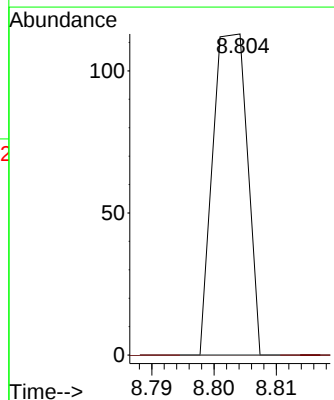
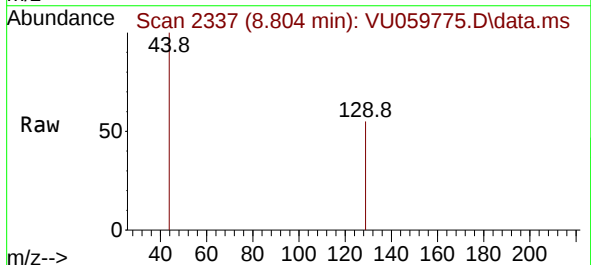
Instrument :
MSVOA_U
ClientSampleId :
VBLK010

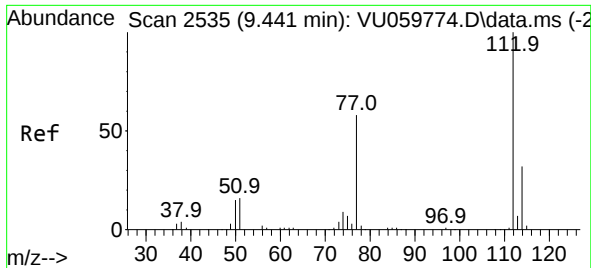
Tgt Ion: 43	Resp:	966	
Ion	Ratio	Lower	Upper
43	100		
58	113.6	46.1	69.1#
57	27.6	15.5	23.3#
100	0.0	9.0	13.6#



#49
Dibromochloromethane
Concen: 0.432 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion:129	Resp:	43	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#

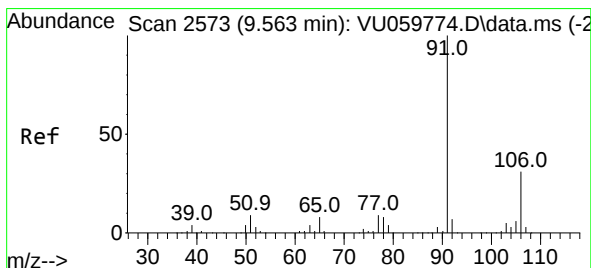
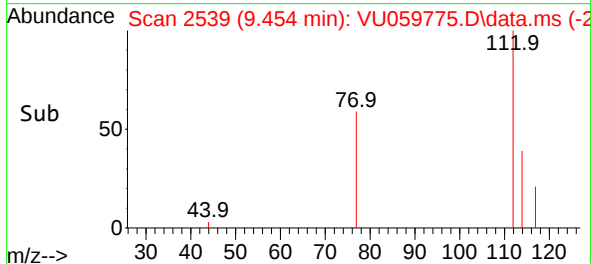
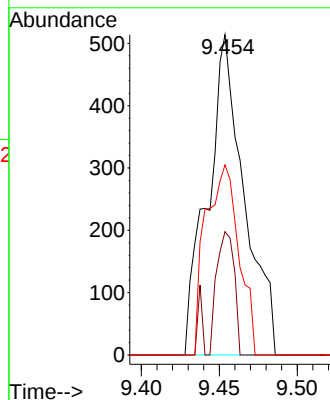
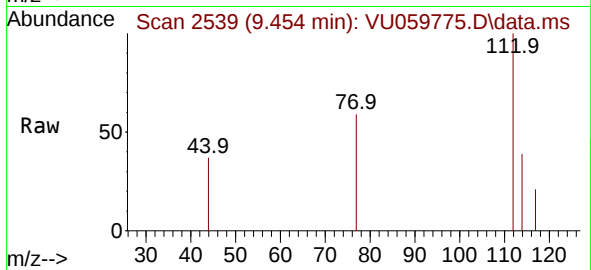




#51
Chlorobenzene
Concen: 2.651 ug/L
RT: 9.454 min Scan# 2539
Delta R.T. 0.013 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

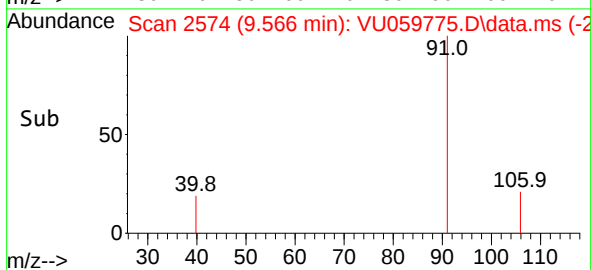
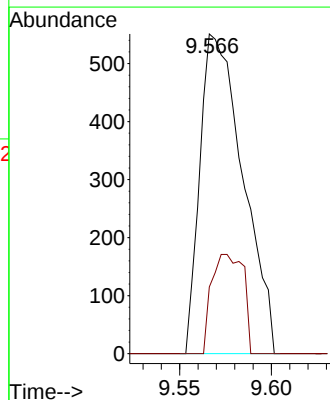
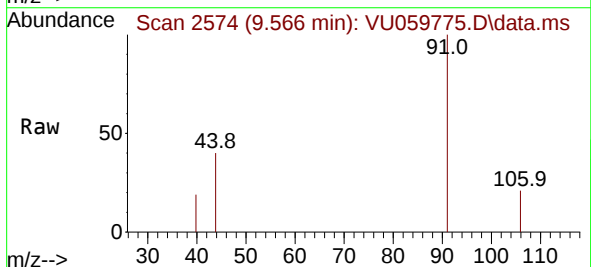
Instrument :
MSVOA_U
ClientSampleId :
VBLK010

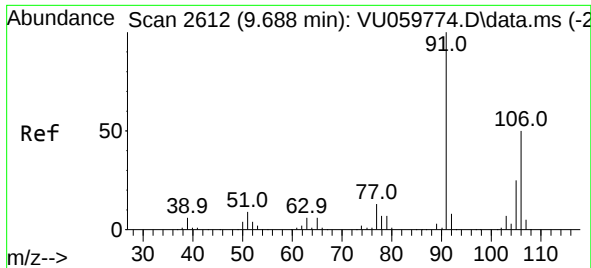
Tgt Ion:112 Resp: 839
Ion Ratio Lower Upper
112 100
114 38.5 22.4 41.6
77 59.3 49.1 73.7



#52
Ethylbenzene
Concen: 1.750 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion: 91 Resp: 896
Ion Ratio Lower Upper
91 100
106 20.9 20.9 38.7

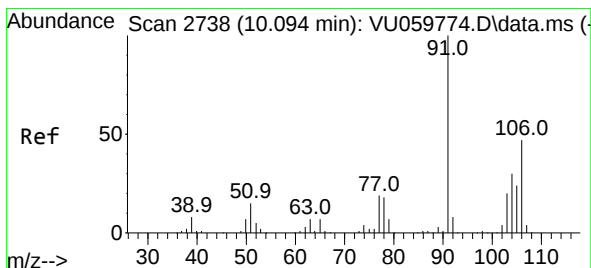
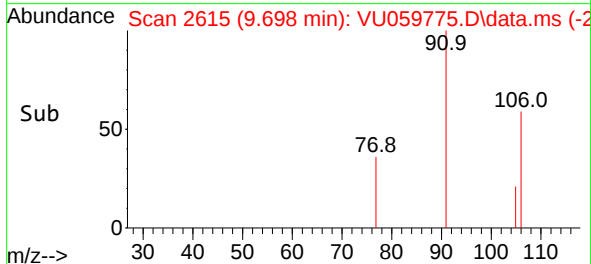
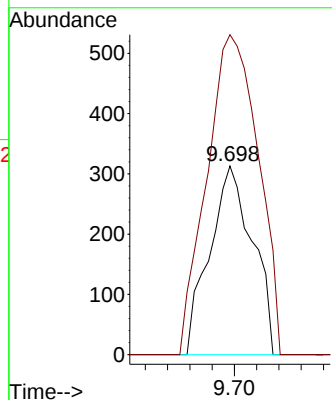
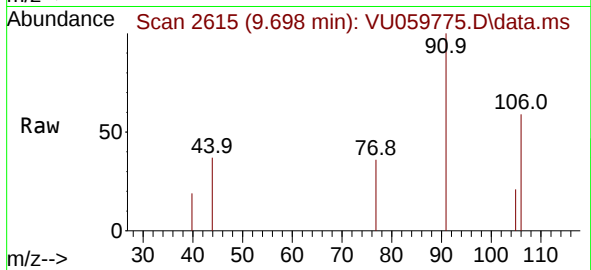




#53
m,p-Xylene
Concen: 2.131 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.010 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

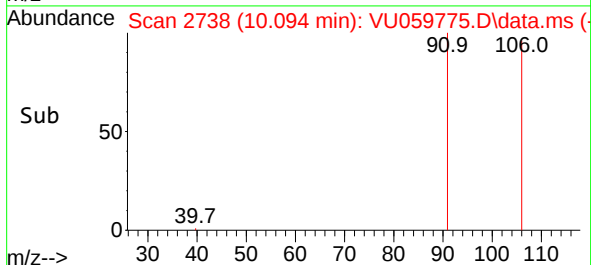
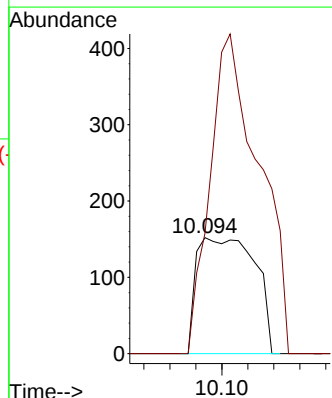
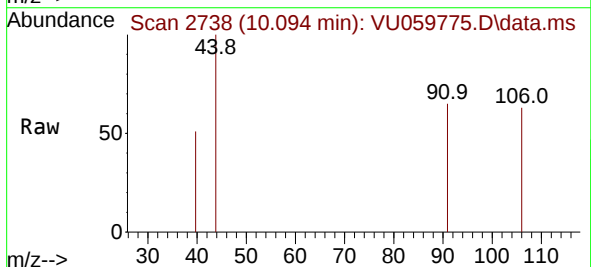
Instrument :
MSVOA_U
ClientSampleId :
VBLK010

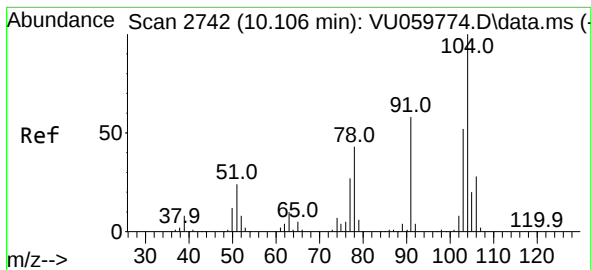
Tgt Ion:106 Resp: 419
Ion Ratio Lower Upper
106 100
91 169.6 142.0 263.8



#54
o-Xylene
Concen: 1.276 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion:106 Resp: 238
Ion Ratio Lower Upper
106 100
91 103.9 151.6 281.6#





#55

Styrene

Concen: 1.074 ug/L

RT: 10.139 min Scan# 21

Delta R.T. 0.032 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

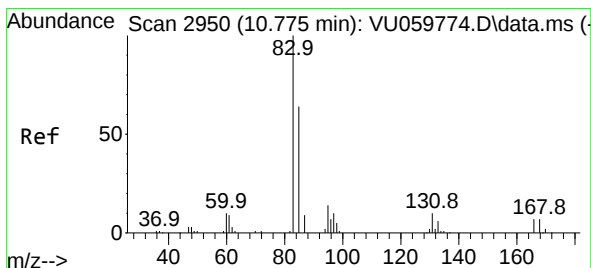
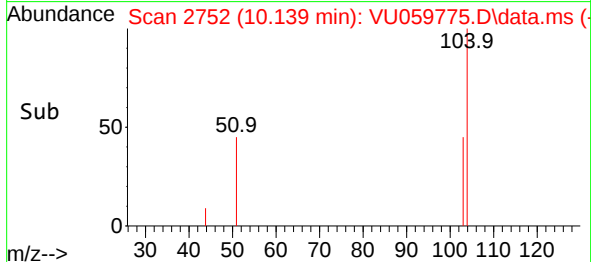
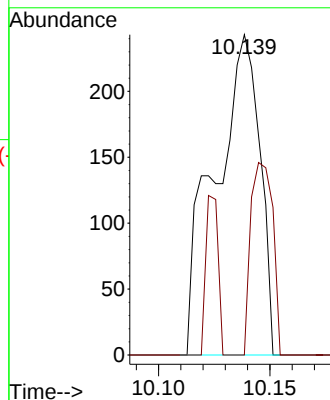
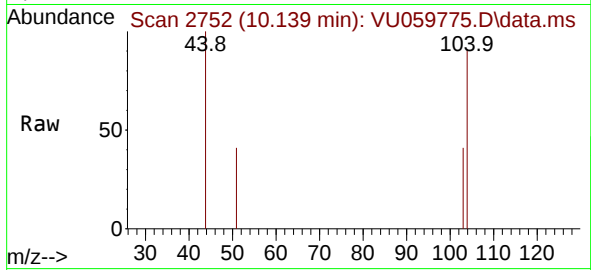
VBLK010

Tgt Ion:104 Resp: 341

Ion Ratio Lower Upper

104 100

78 0.0 32.3 60.1#



#57

1,1,2,2-Tetrachloroethane

Concen: 1.229 ug/L

RT: 10.782 min Scan# 2952

Delta R.T. 0.006 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

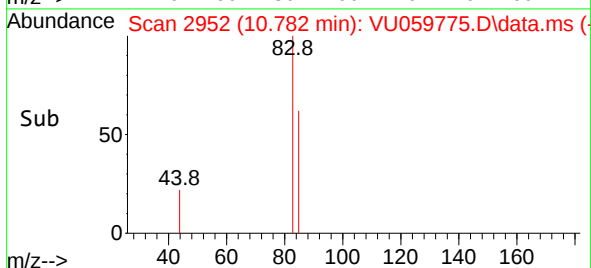
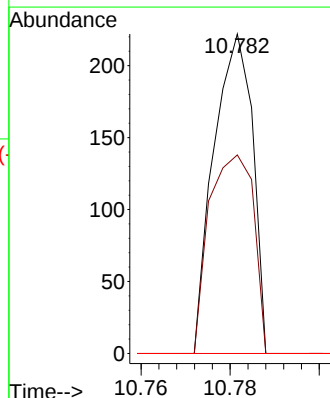
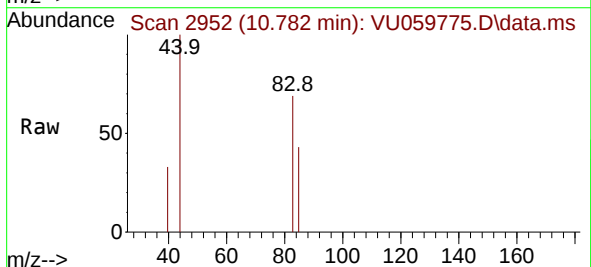
Tgt Ion: 83 Resp: 134

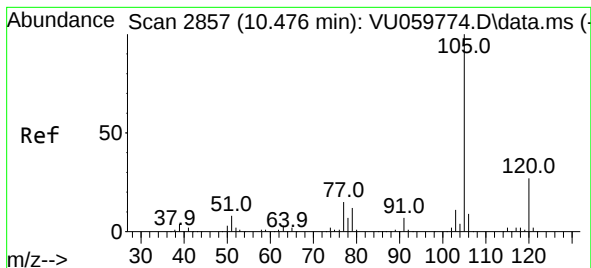
Ion Ratio Lower Upper

83 100

85 62.2 44.7 82.9

131 0.0 6.9 10.3#





#60

Isopropylbenzene

Concen: 0.739 ug/L

RT: 10.483 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

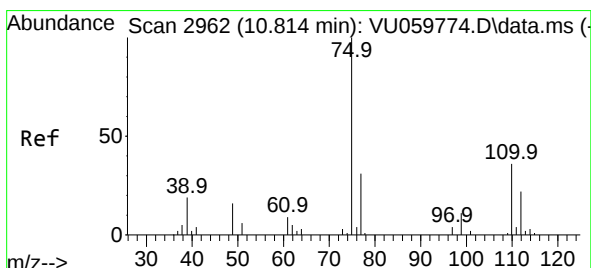
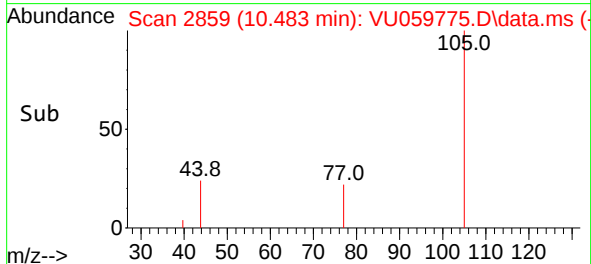
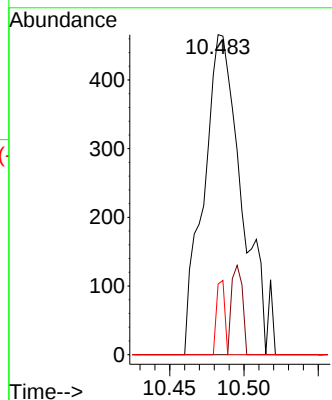
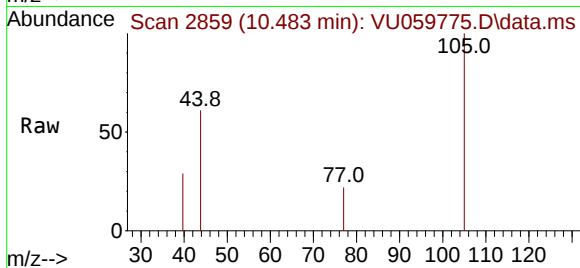
Instrument :

MSVOA_U

ClientSampleId :

VBLK010

Tgt Ion:	105	Resp:	838
Ion	Ratio	Lower	Upper
105	100		
120	7.9	20.6	31.0#
77	4.9	12.8	19.2#



#61

1,2,3-Trichloropropane

Concen: 1.067 ug/L

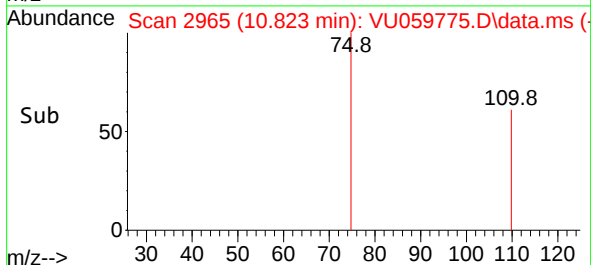
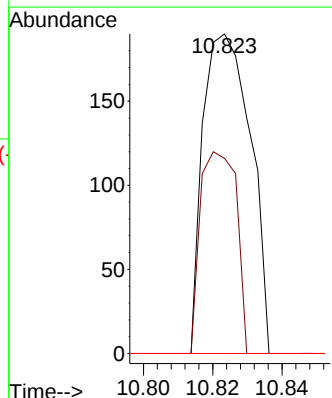
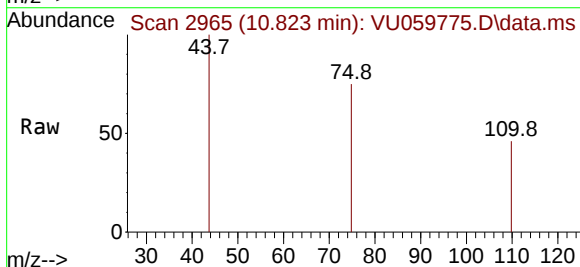
RT: 10.823 min Scan# 2965

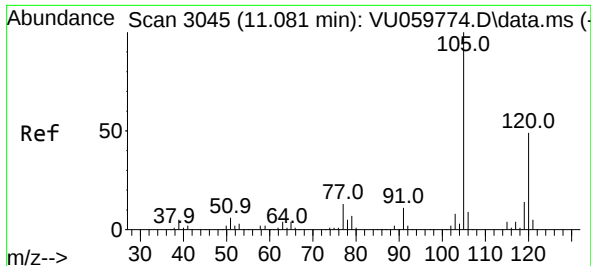
Delta R.T. 0.010 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Tgt Ion:	75	Resp:	181
Ion	Ratio	Lower	Upper
75	100		
110	48.1	27.1	40.7#
77	0.0	25.4	38.2#





#62

1,3,5-Trimethylbenzene

Concen: 1.236 ug/L

RT: 11.473 min Scan# 3167

Delta R.T. 0.392 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

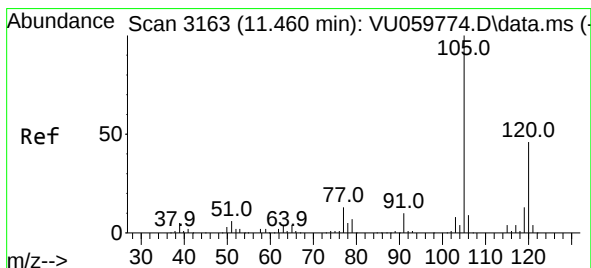
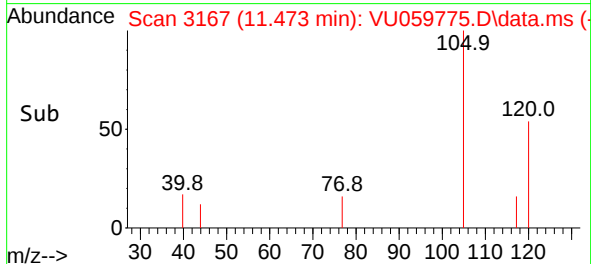
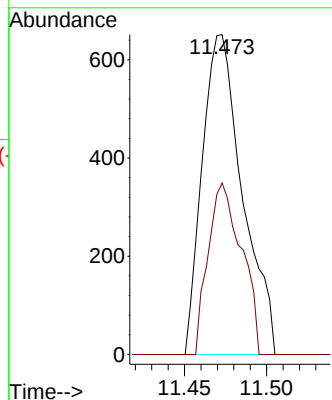
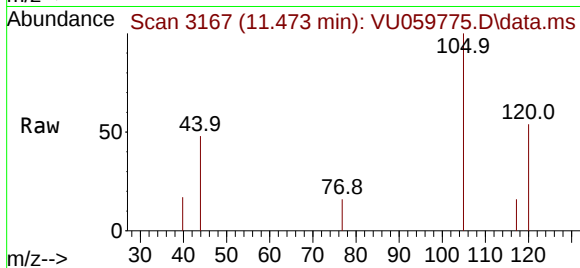
VBLK010

Tgt Ion:105 Resp: 1110

Ion Ratio Lower Upper

105 100

120 44.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 1.293 ug/L

RT: 11.473 min Scan# 3167

Delta R.T. 0.013 min

Lab File: VU059775.D

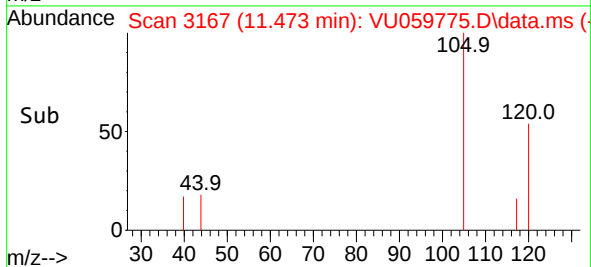
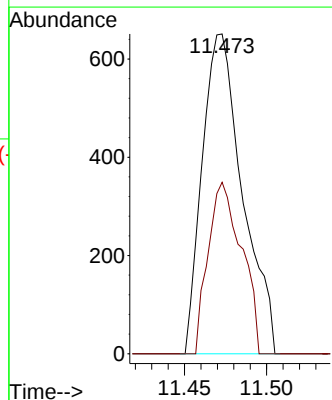
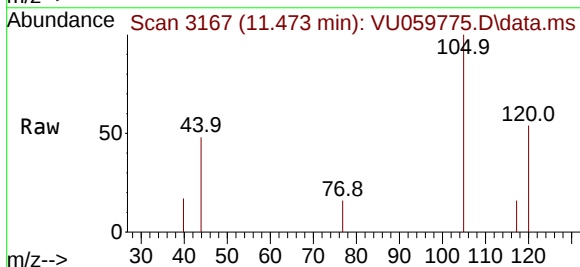
Acq: 03 Jul 2024 06:18

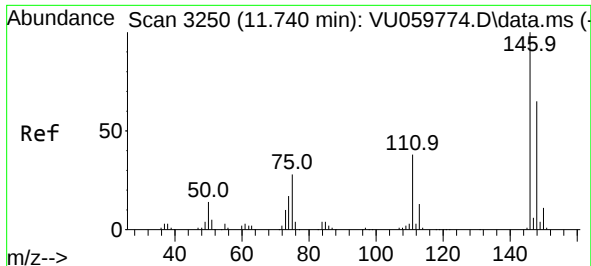
Tgt Ion:105 Resp: 1110

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.0

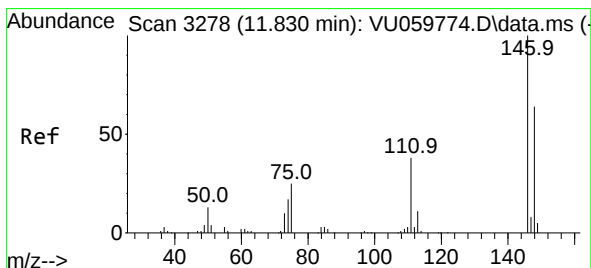
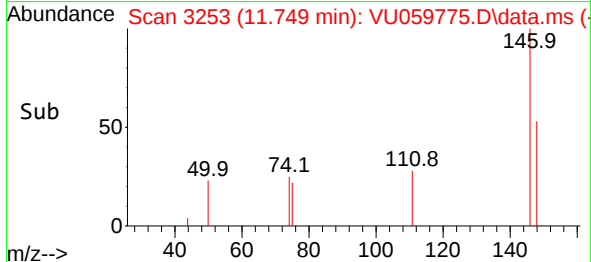
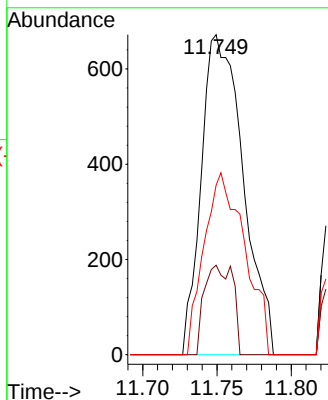
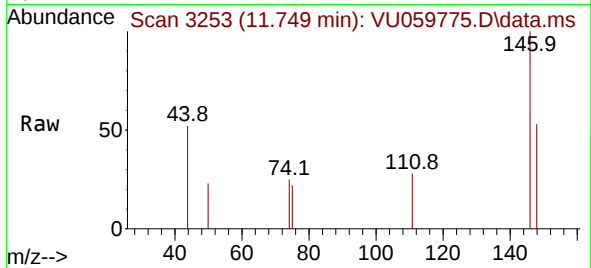




#64
1,3-Dichlorobenzene
Concen: 2.283 ug/L
RT: 11.749 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

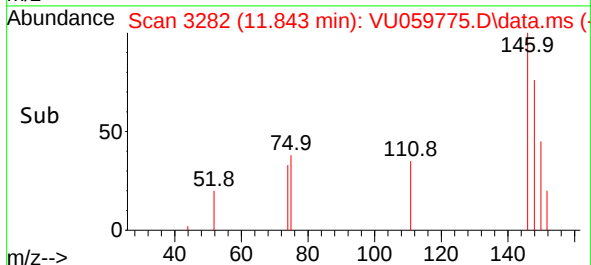
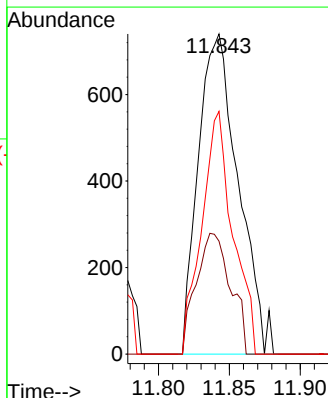
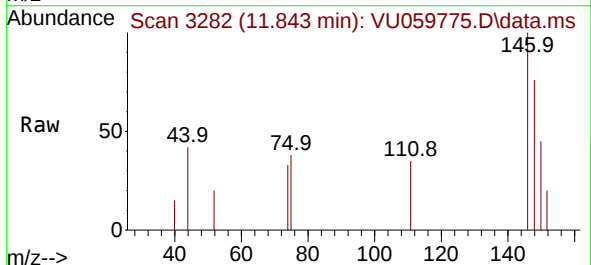
Instrument :
MSVOA_U
ClientSampleId :
VBLK010

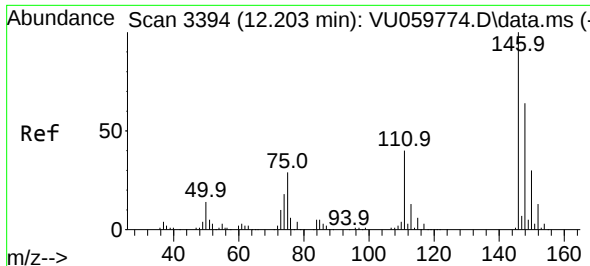
Tgt Ion:146 Resp: 1316
Ion Ratio Lower Upper
146 100
111 28.0 27.4 51.0
148 53.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 2.452 ug/L
RT: 11.843 min Scan# 3282
Delta R.T. 0.013 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion:146 Resp: 1455
Ion Ratio Lower Upper
146 100
111 35.3 26.9 50.1
148 75.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 2.540 ug/L

RT: 12.216 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK010

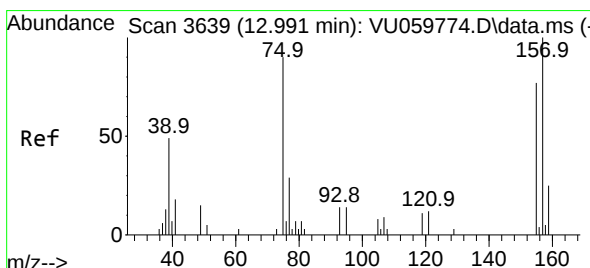
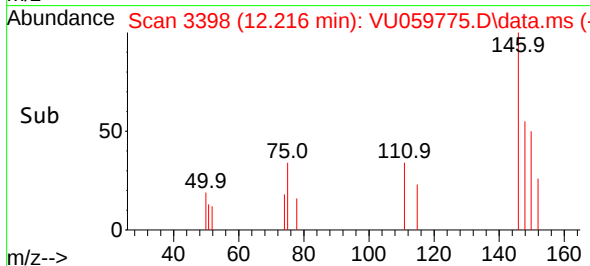
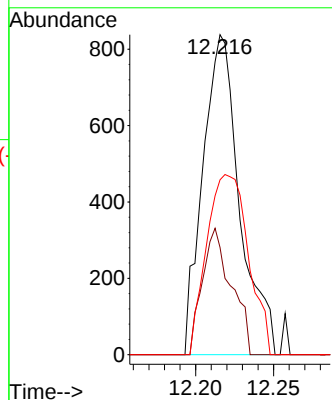
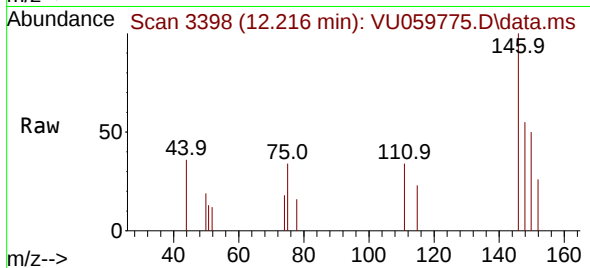
Tgt Ion:146 Resp: 1378

Ion Ratio Lower Upper

146 100

111 33.5 33.4 50.0

148 54.7 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.695 ug/L

RT: 13.000 min Scan# 3642

Delta R.T. 0.010 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

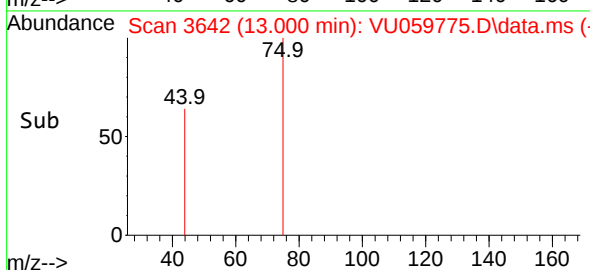
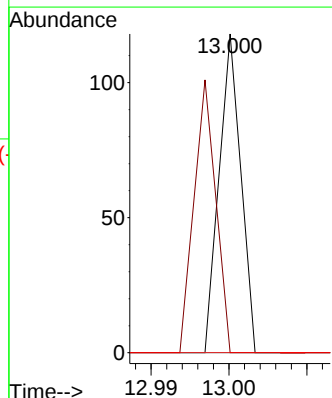
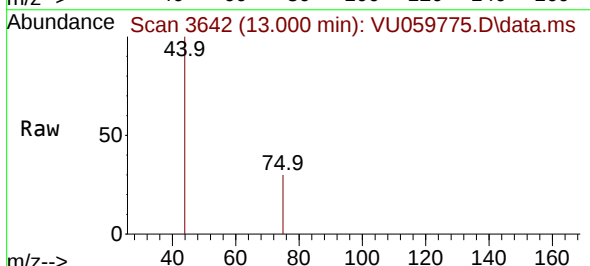
Tgt Ion: 75 Resp: 23

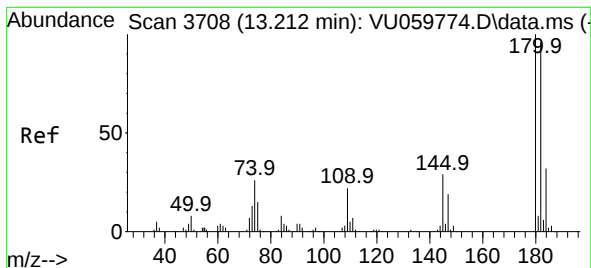
Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 80.0 120.0#





#69

1,3,5-Trichlorobenzene

Concen: 7.268 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.633 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK010

Tgt Ion:180 Resp: 3102

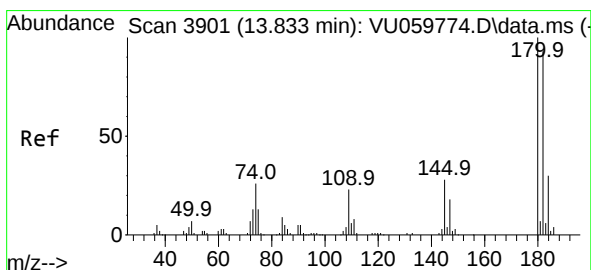
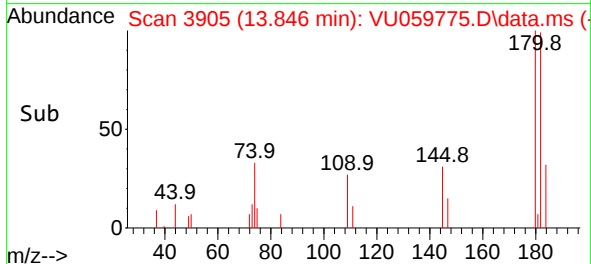
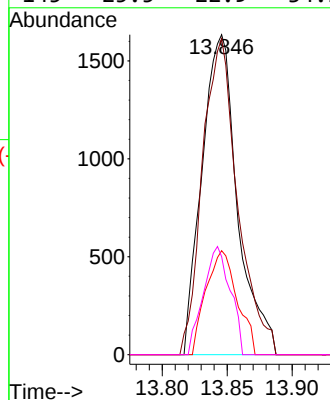
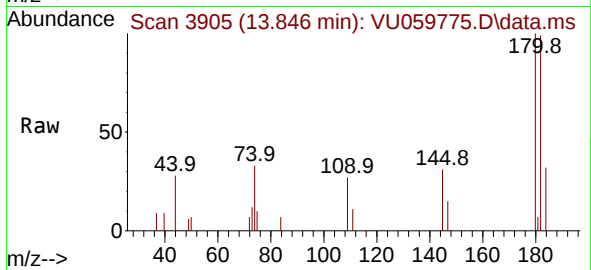
Ion Ratio Lower Upper

180 100

182 97.6 75.4 113.0

184 28.5 23.0 34.6

145 25.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 9.475 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU059775.D

Acq: 03 Jul 2024 06:18

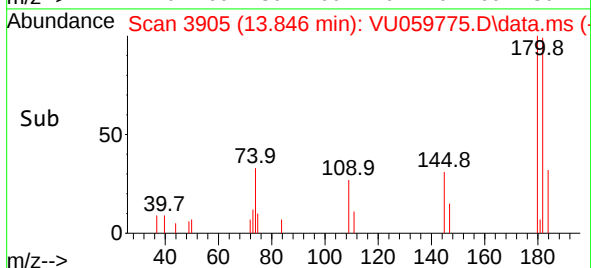
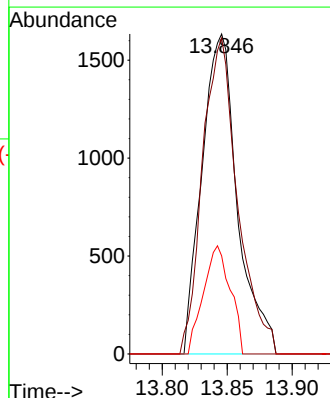
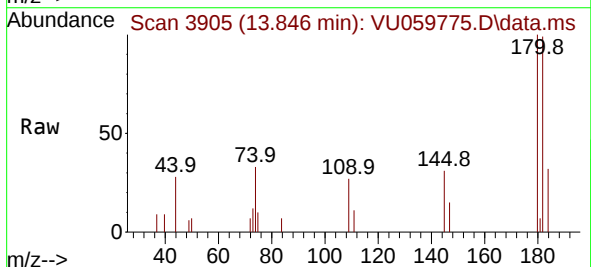
Tgt Ion:180 Resp: 3102

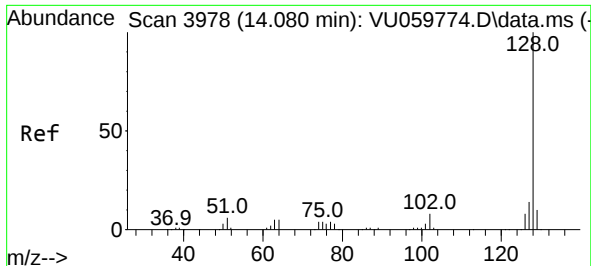
Ion Ratio Lower Upper

180 100

182 97.6 74.9 112.3

145 25.5 23.9 35.9

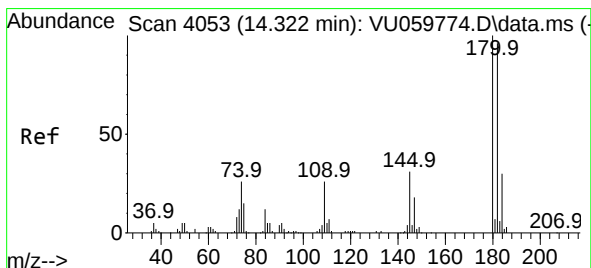
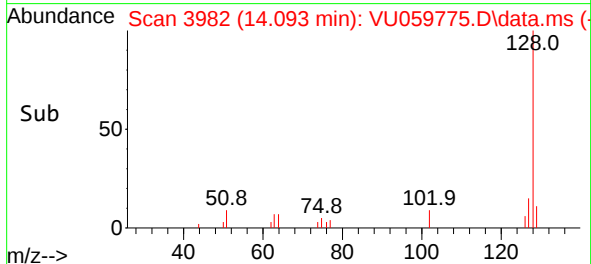
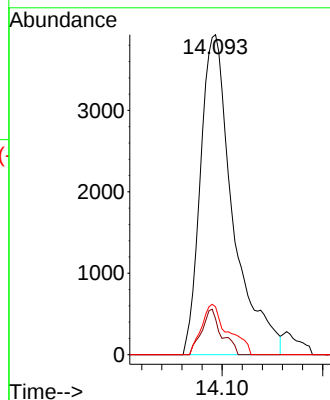
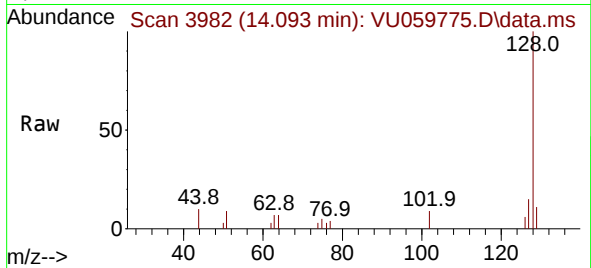




#71
Naphthalene
Concen: 18.763 ug/L
RT: 14.093 min Scan# 3978
Delta R.T. 0.013 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Instrument :
MSVOA_U
ClientSampleId :
VBLK010

Tgt Ion:128 Resp: 8792
Ion Ratio Lower Upper
128 100
129 8.7 8.2 12.4
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 12.001 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU059775.D
Acq: 03 Jul 2024 06:18

Tgt Ion:180 Resp: 3648
Ion Ratio Lower Upper
180 100
182 90.1 77.0 115.6
145 12.3 26.2 39.4

