

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060129.D
 Acq On : 23 Jul 2024 22:03
 Operator : MD/SY
 Sample : BLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 05:34:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	320	5.000	ug/L	# 0.02
28) Chlorobenzene-d5	9.422	117	1359	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.817	152	1594	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79	3.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
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	4.647	46	39	7.492	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	14.980%#
24) Chloroform-d	5.058	84	49	1.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	21.000%#
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
32) Benzene-d6	5.724	84	320	0.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	17.600%#
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	711	2.161	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	43.200%#
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	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.756	84	177	1.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	34.200%#
66) 1,2-Dichlorobenzene-d4	12.196	152	1181	4.105	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%

Target Compounds						Qvalue
3) Chloromethane	1.515	50	240	8.212	ug/L #	41
5) Vinyl chloride	1.599	62	267	8.149	ug/L #	42
6) Bromomethane	1.853	94	184	8.626	ug/L #	2
8) Chloroethane	1.933	64	108	5.046	ug/L #	42
12) 1,1-Dichloroethene	2.573	96	67	2.743	ug/L #	62
13) Acetone	2.634	43	143	41.530	ug/L #	34
14) Carbon disulfide	2.788	76	1621	22.792	ug/L #	75
15) Methyl Acetate	2.994	43	47	5.550	ug/L #	45
16) Methylene chloride	3.039	84	1994	66.584	ug/L	84
18) trans-1,2-Dichloroethene	3.348	96	259	10.194	ug/L #	69
19) 1,1-Dichloroethane	3.869	63	51	1.057	ug/L #	50
21) 2-Butanone	4.753	43	28	5.137	ug/L #	42
22) cis-1,2-Dichloroethene	4.673	96	140	4.920	ug/L #	59
25) Chloroform	5.091	83	711	13.402	ug/L	99
33) Benzene	5.779	78	452	1.007	ug/L	100
34) Trichloroethene	6.541	95	972	8.163	ug/L #	62
35) Methylcyclohexane	6.756	83	25	0.160	ug/L #	21
38) Bromodichloromethane	7.107	83	234	1.540	ug/L #	26
39) cis-1,3-Dichloropropene	7.615	75	41	0.259	ug/L #	41

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

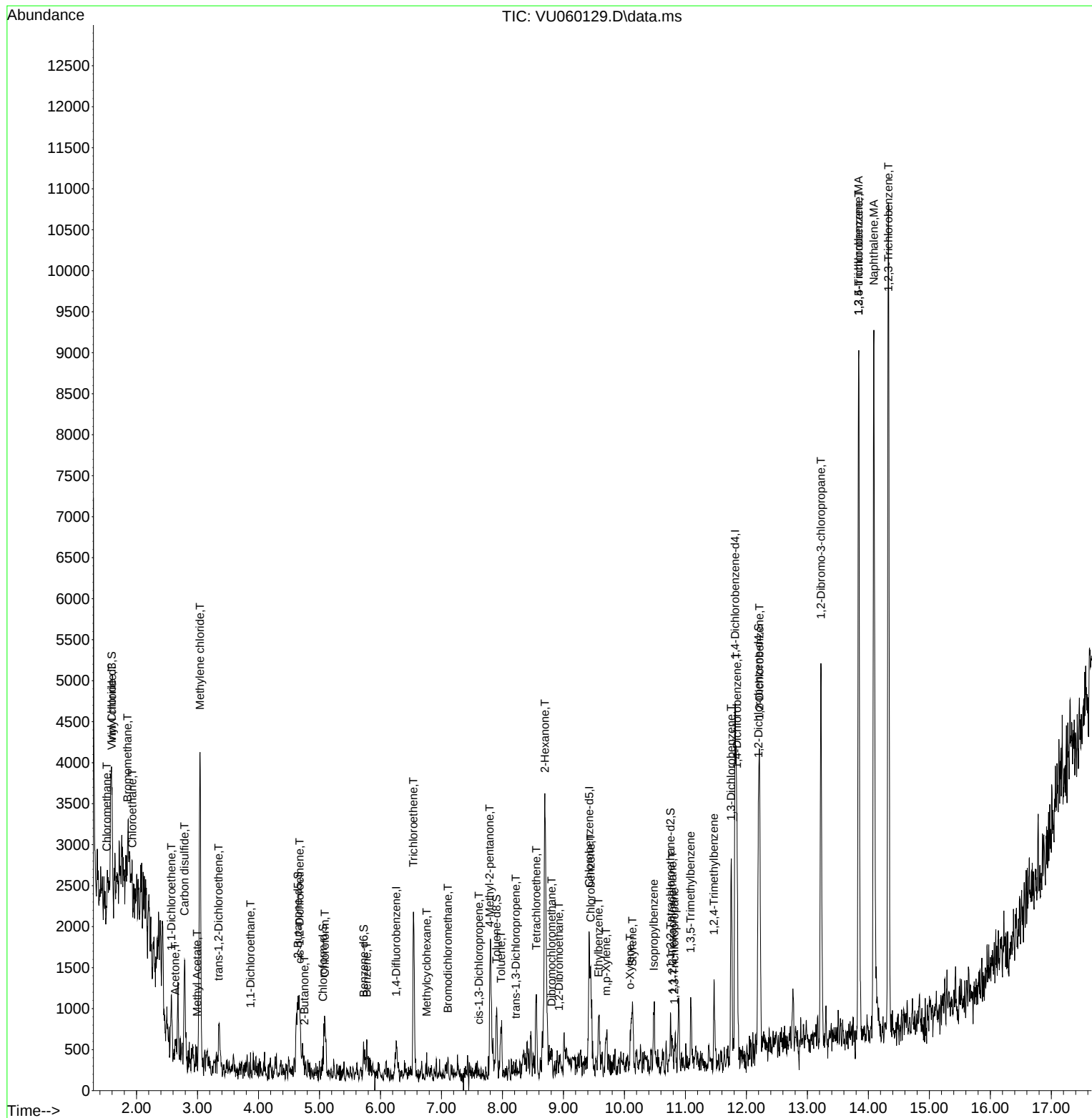
40) 4-Methyl-2-pentanone	7.791	43	1928	35.924	ug/L #	49
42) Toluene	7.975	91	684	1.432	ug/L	83
44) trans-1,3-Dichloropropene	8.222	75	40	0.302	ug/L #	42
47) Tetrachloroethene	8.557	164	204	2.072	ug/L #	75
48) 2-Hexanone	8.698	43	2977	75.758	ug/L #	79
49) Dibromochloromethane	8.804	129	117	1.141	ug/L #	10
50) 1,2-Dibromoethane	8.926	107	42	0.501	ug/L #	98
51) Chlorobenzene	9.447	112	863	2.765	ug/L	89
52) Ethylbenzene	9.576	91	887	1.862	ug/L	84
53) m,p-Xylene	9.701	106	202	1.097	ug/L	61
54) o-Xylene	10.094	106	77	0.437	ug/L #	1
55) Styrene	10.129	104	623	2.079	ug/L #	31
57) 1,1,2,2-Tetrachloroethane	10.788	83	259	2.284	ug/L #	84
60) Isopropylbenzene	10.483	105	996	0.955	ug/L #	63
61) 1,2,3-Trichloropropane	10.820	75	136	0.809	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.087	105	713	0.895	ug/L	90
63) 1,2,4-Trimethylbenzene	11.470	105	769	0.999	ug/L	97
64) 1,3-Dichlorobenzene	11.749	146	1489	2.654	ug/L	93
65) 1,4-Dichlorobenzene	11.846	146	1931	3.381	ug/L #	84
67) 1,2-Dichlorobenzene	12.216	146	1698	3.162	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.222	75	194	5.923	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.839	180	3330	7.865	ug/L	89
70) 1,2,4-trichlorobenzene	13.839	180	3330	10.334	ug/L	89
71) Naphthalene	14.090	128	9709	21.265	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	4393	15.158	ug/L	97

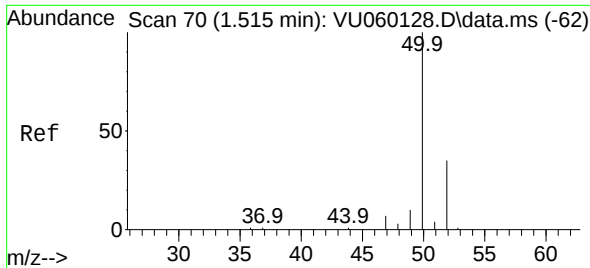
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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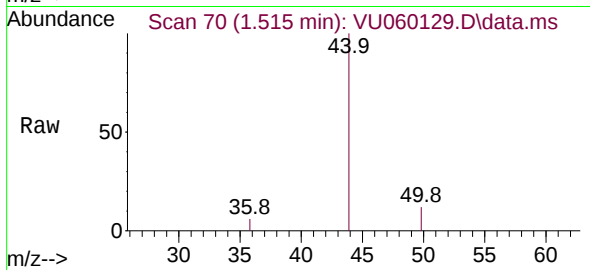
Quant Time: Jul 24 05:34:45 2024
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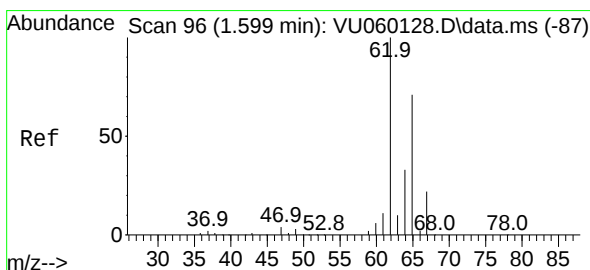
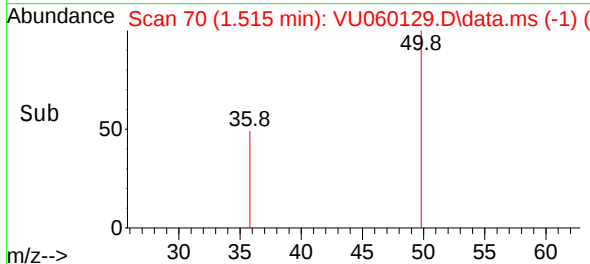
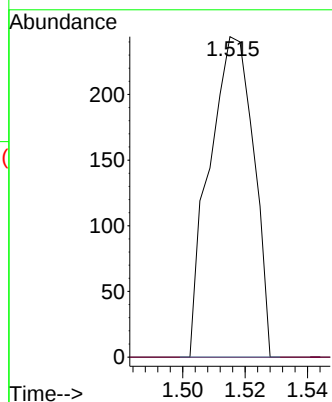


#3
Chloromethane
Concen: 8.212 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Instrument :
MSVOA_U
ClientSampleId :

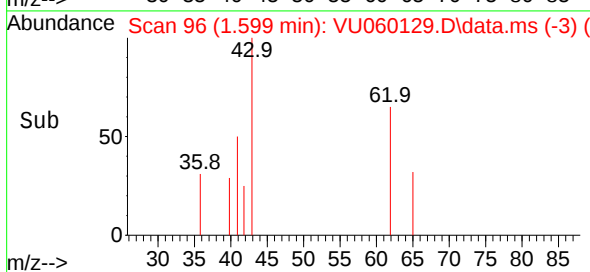
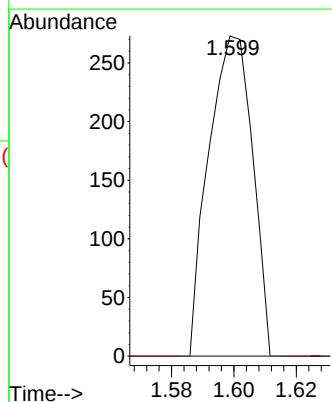
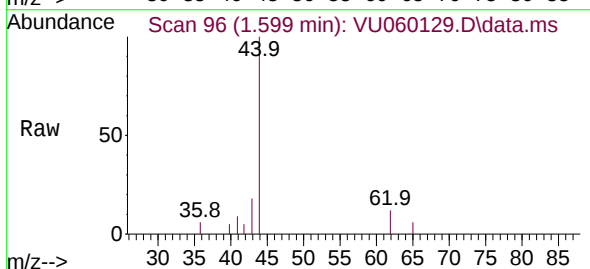


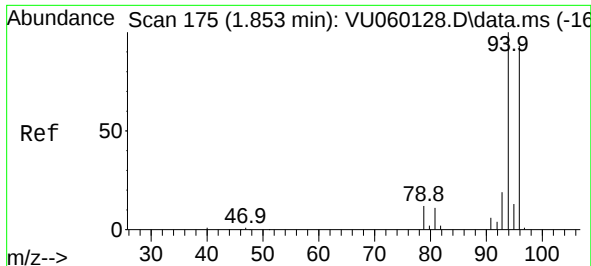
Tgt Ion: 50 Resp: 240
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#5
Vinyl chloride
Concen: 8.149 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Tgt Ion: 62 Resp: 267
Ion Ratio Lower Upper
62 100
64 0.0 22.8 42.4#

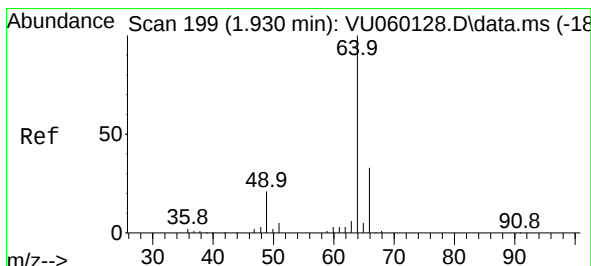
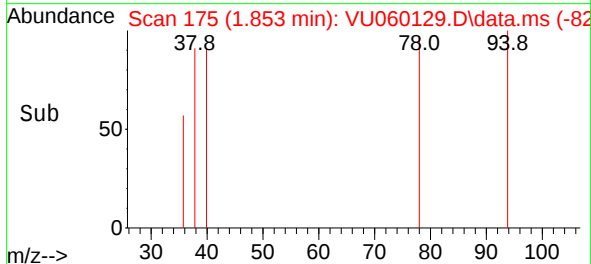
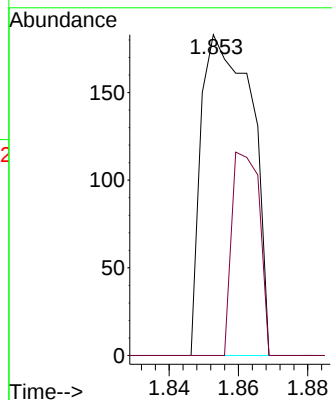
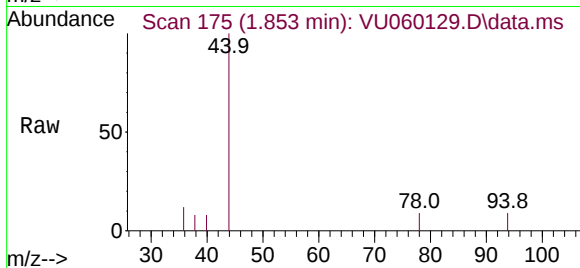




#6
Bromomethane
Concen: 8.626 ug/L
RT: 1.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

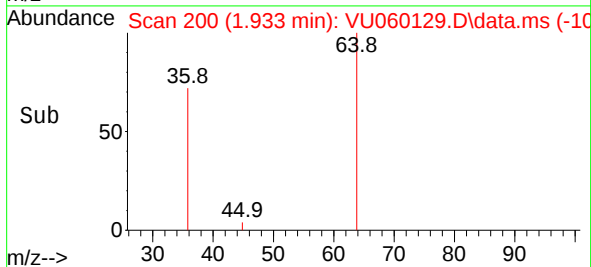
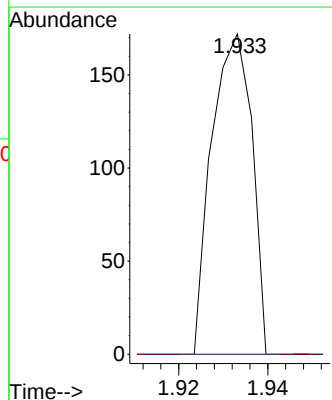
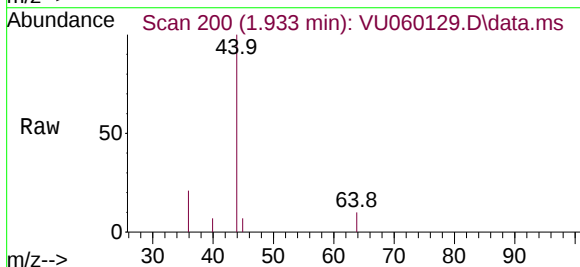
Instrument :
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ClientSampleId :

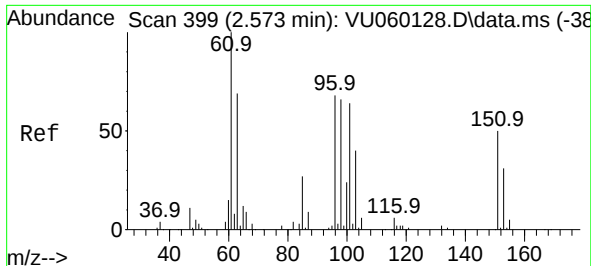
Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 0.0 66.6 123.6#



#8
Chloroethane
Concen: 5.046 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

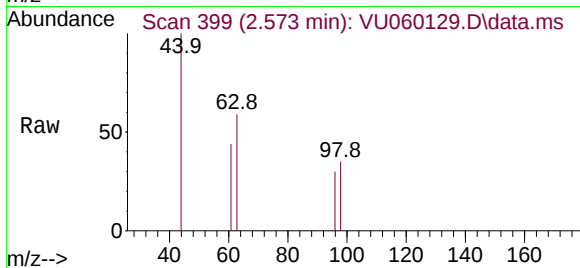
Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#



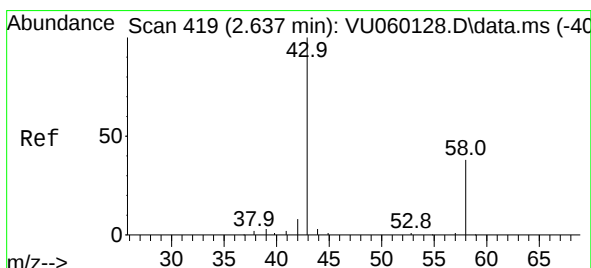
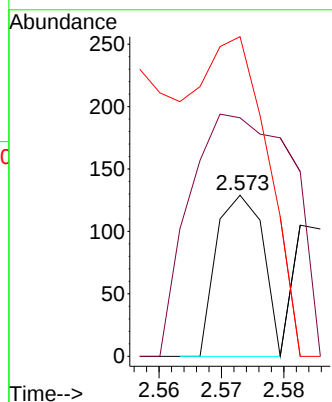
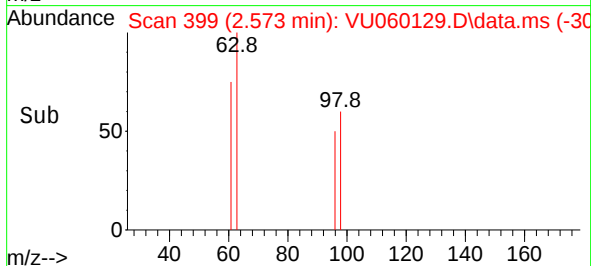


#12
1,1-Dichloroethene
Concen: 2.743 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Instrument :
MSVOA_U
ClientSampleId :

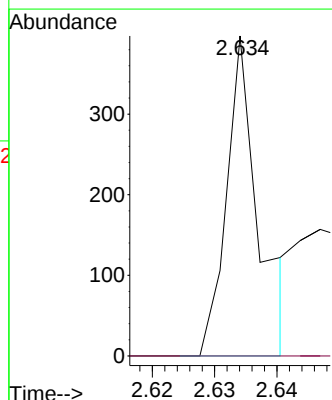
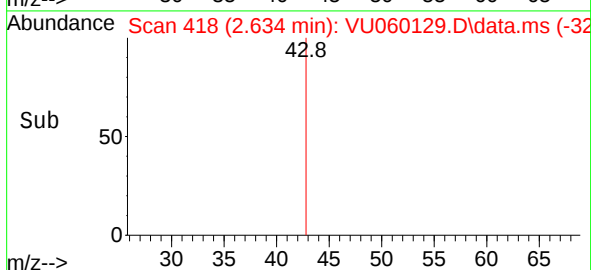
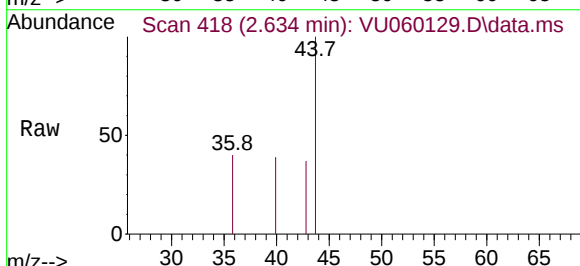


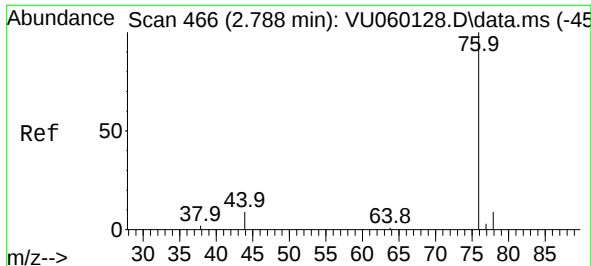
Tgt Ion: 96 Resp: 67
Ion Ratio Lower Upper
96 100
61 148.1 107.0 198.6
63 198.4 76.4 142.0#



#13
Acetone
Concen: 41.530 ug/L
RT: 2.634 min Scan# 418
Delta R.T. -0.003 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

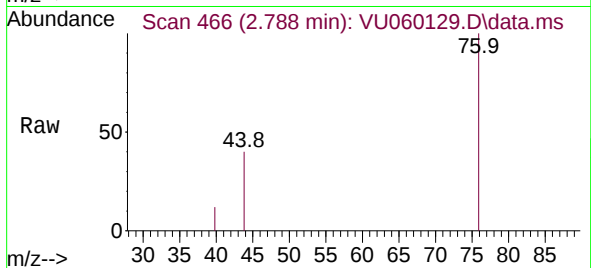
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 0.0 0.0 82.2



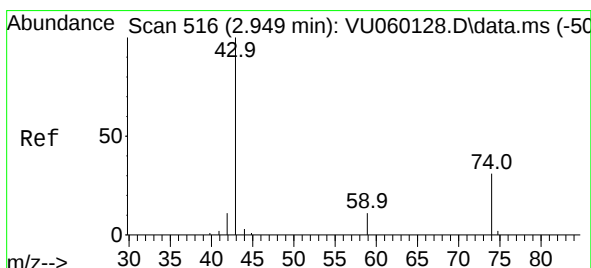
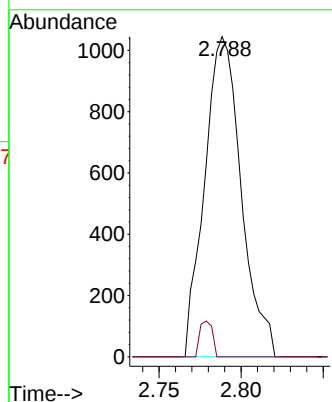
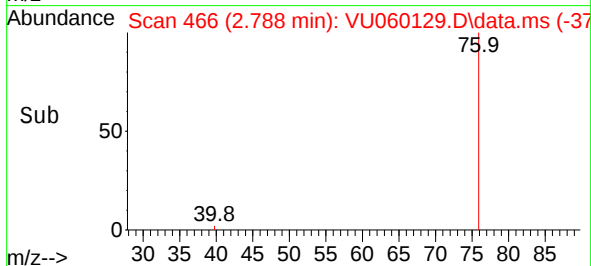


#14
Carbon disulfide
Concen: 22.792 ug/L
RT: 2.788 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Instrument :
MSVOA_U
ClientSampleId :

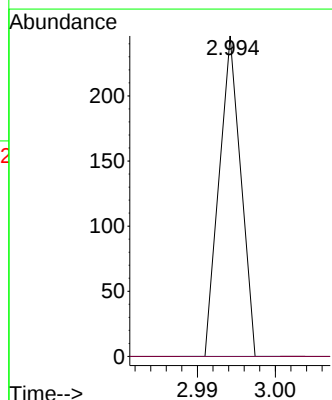
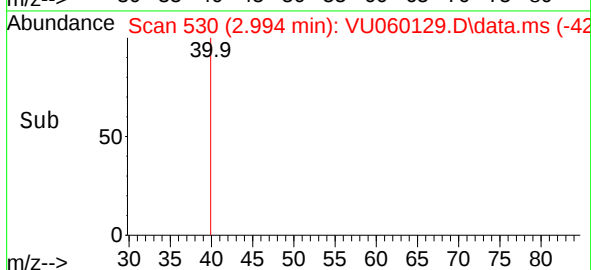
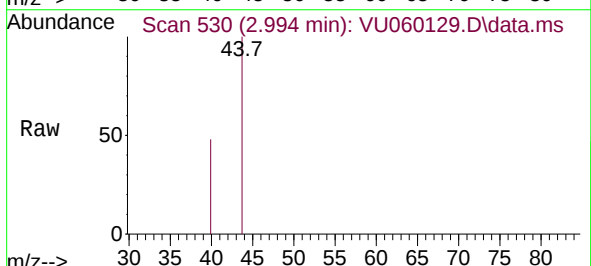


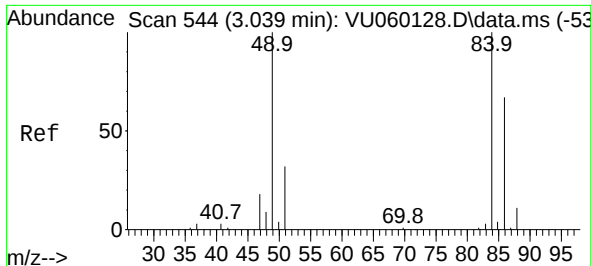
Tgt Ion: 76 Resp: 1621
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#15
Methyl Acetate
Concen: 5.550 ug/L
RT: 2.994 min Scan# 530
Delta R.T. 0.045 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#





#16

Methylene chloride

Concen: 66.584 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

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MSVOA_U

ClientSampleId :

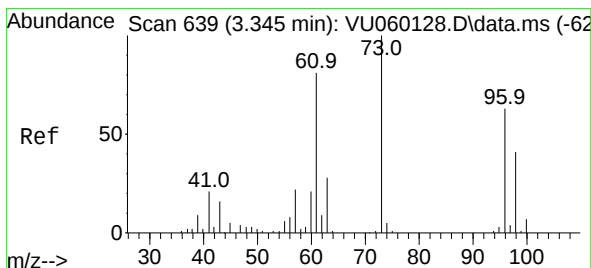
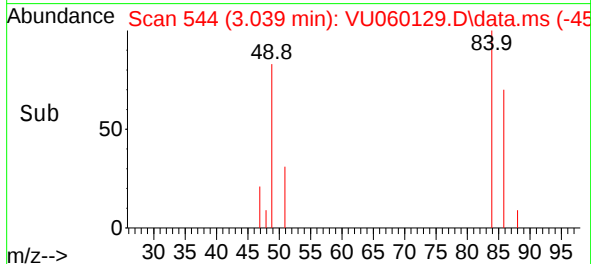
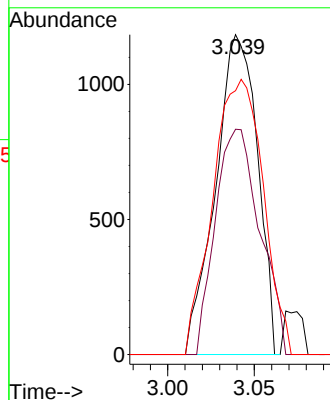
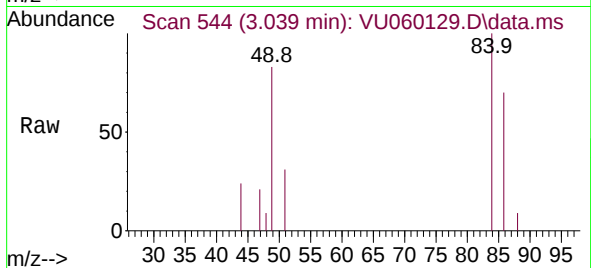
Tgt Ion: 84 Resp: 1994

Ion Ratio Lower Upper

84 100

86 70.4 44.4 82.5

49 82.5 72.0 133.6



#18

trans-1,2-Dichloroethene

Concen: 10.194 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

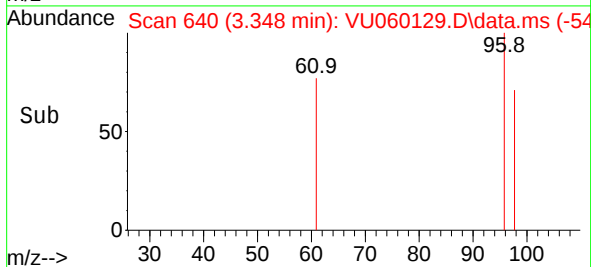
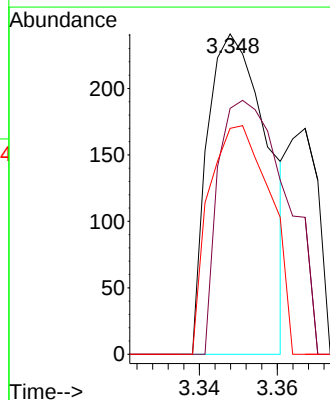
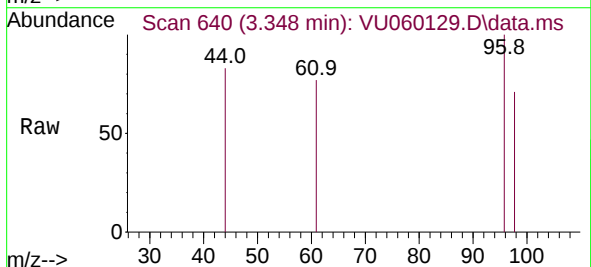
Tgt Ion: 96 Resp: 259

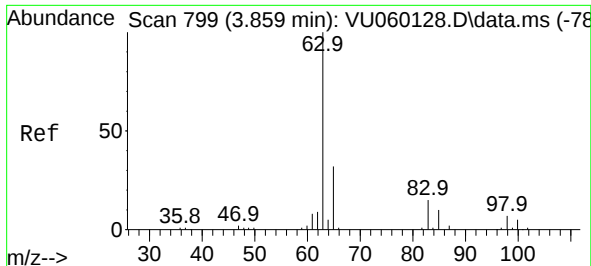
Ion Ratio Lower Upper

96 100

61 76.8 91.6 170.0#

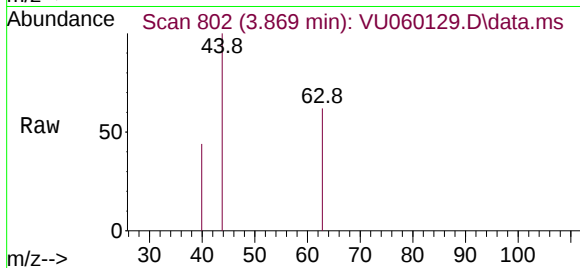
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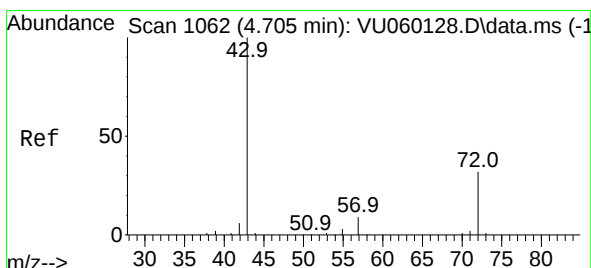
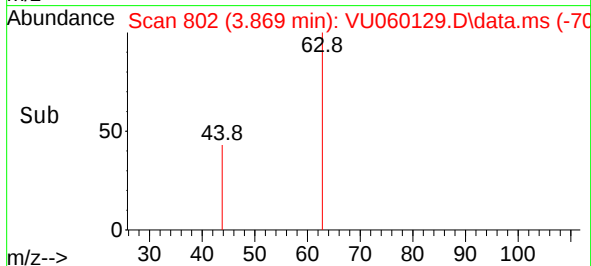
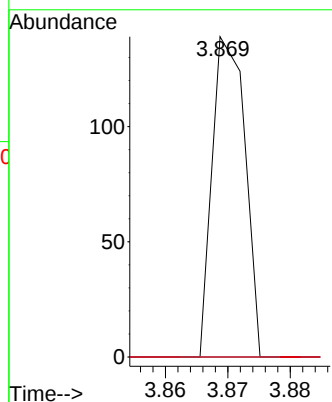


#19
1,1-Dichloroethane
Concen: 1.057 ug/L
RT: 3.869 min Scan# 80
Delta R.T. 0.010 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Instrument :
MSVOA_U
ClientSampleId :

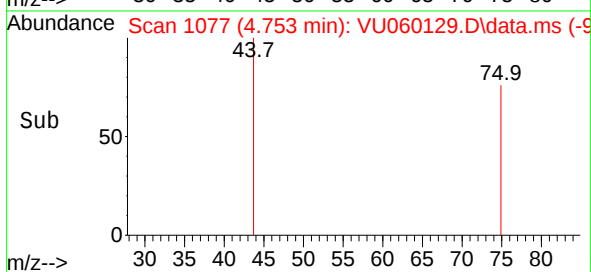
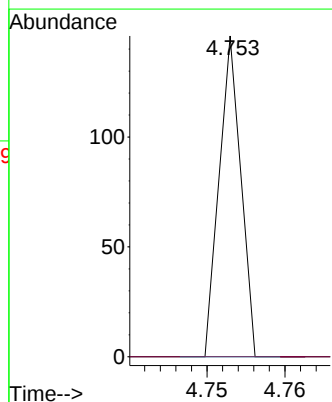
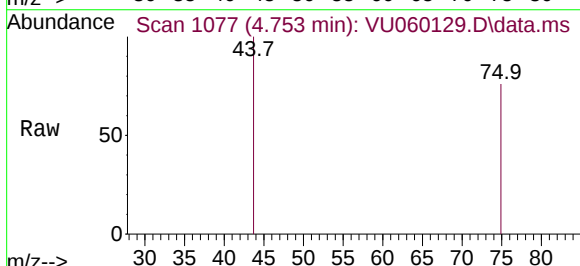


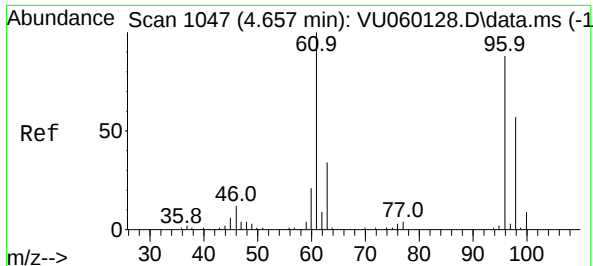
Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
65 0.0 22.0 40.8#
83 0.0 9.7 17.9#



#21
2-Butanone
Concen: 5.137 ug/L
RT: 4.753 min Scan# 1077
Delta R.T. 0.048 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
72 0.0 16.3 48.9#





#22

cis-1,2-Dichloroethene

Concen: 4.920 ug/L

RT: 4.673 min Scan# 1182

Delta R.T. 0.016 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :

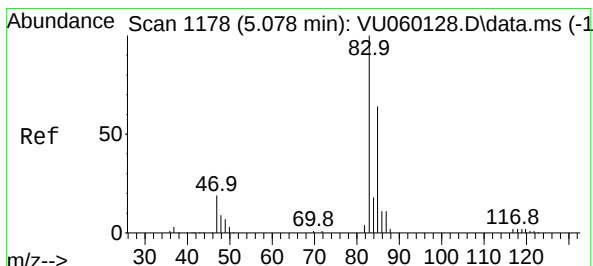
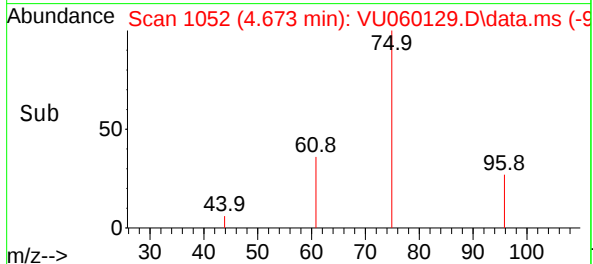
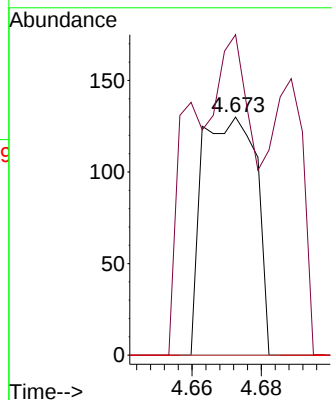
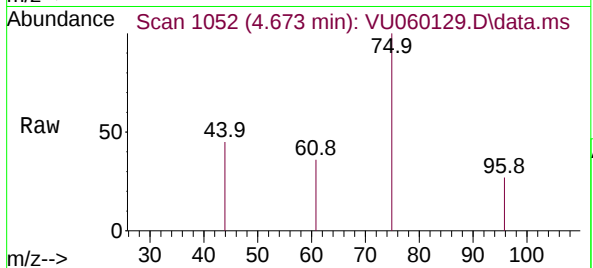
Tgt Ion: 96 Resp: 140

Ion Ratio Lower Upper

96 100

61 134.6 80.2 148.9

98 0.0 44.7 83.1#



#25

Chloroform

Concen: 13.402 ug/L

RT: 5.091 min Scan# 1182

Delta R.T. 0.013 min

Lab File: VU060129.D

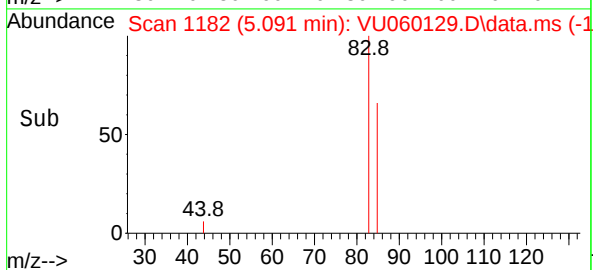
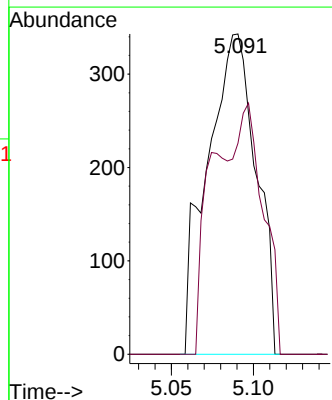
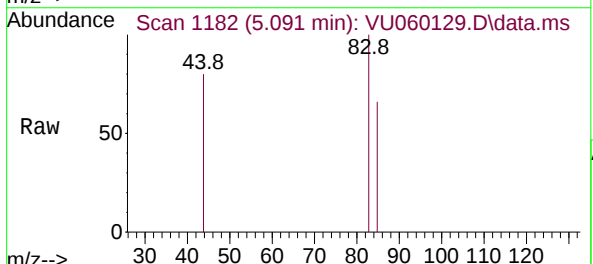
Acq: 23 Jul 2024 22:03

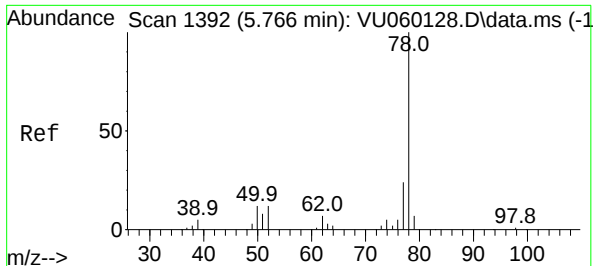
Tgt Ion: 83 Resp: 711

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2





#33

Benzene

Concen: 1.007 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. 0.013 min

Lab File: VU060129.D

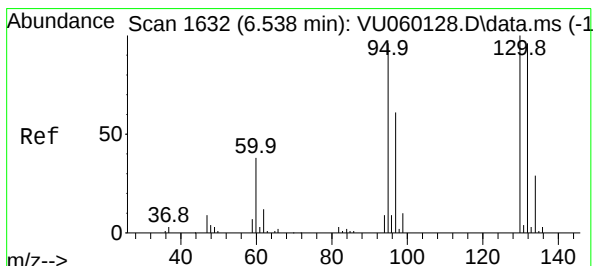
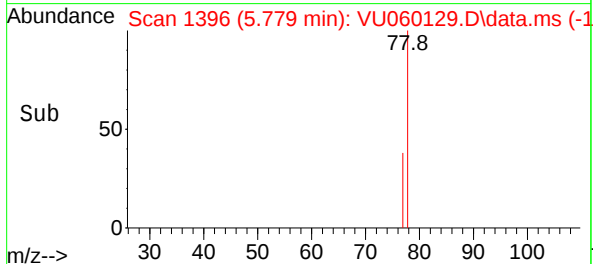
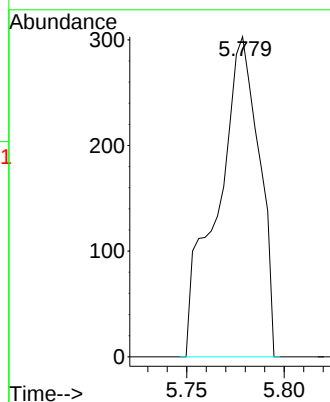
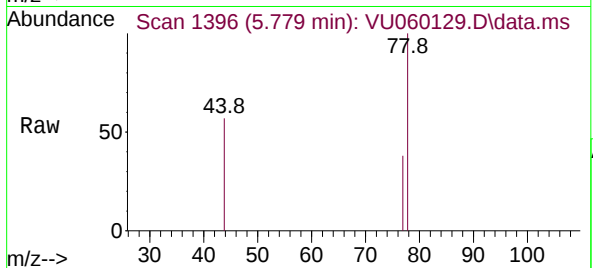
Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 452



#34

Trichloroethene

Concen: 8.163 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Tgt Ion: 95 Resp: 972

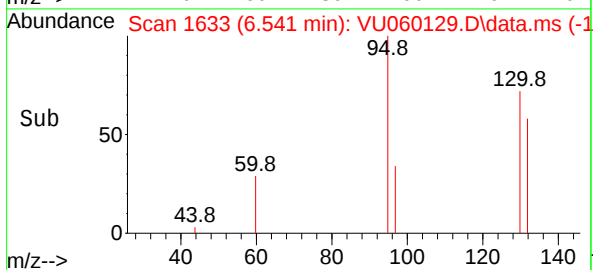
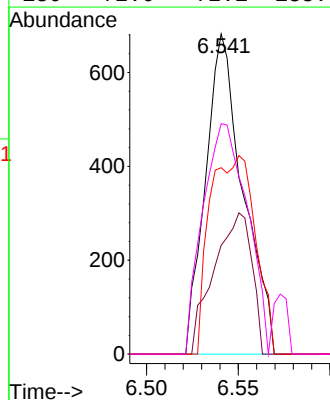
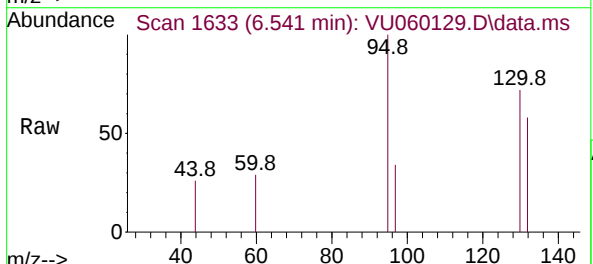
Ion Ratio Lower Upper

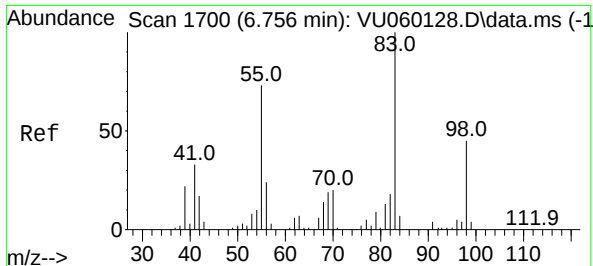
95 100

97 34.0 45.9 85.3#

132 58.2 71.4 132.6#

130 72.0 72.1 133.9#





#35

Methylcyclohexane

Concen: 0.160 ug/L

RT: 6.756 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060129.D

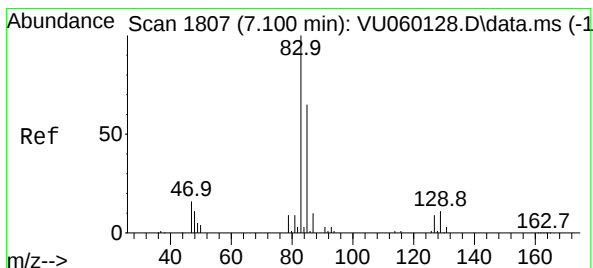
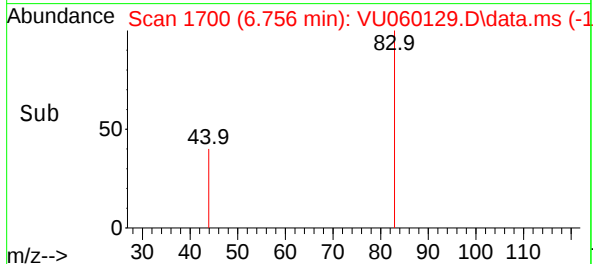
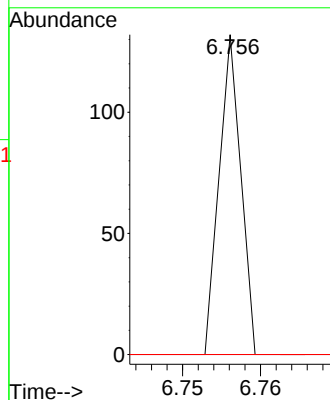
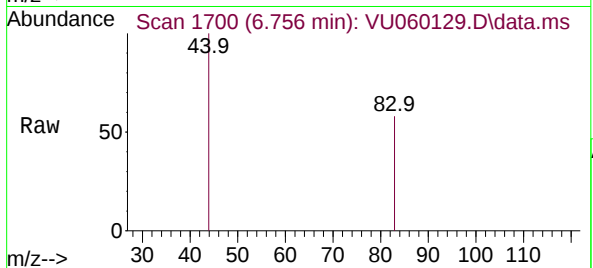
Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	25
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.7	85.1#
98	0.0	36.6	55.0#



#38

Bromodichloromethane

Concen: 1.540 ug/L

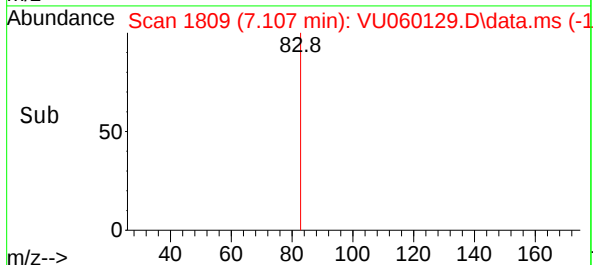
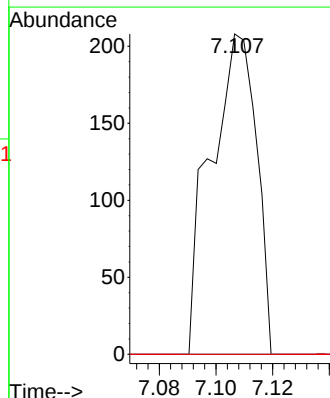
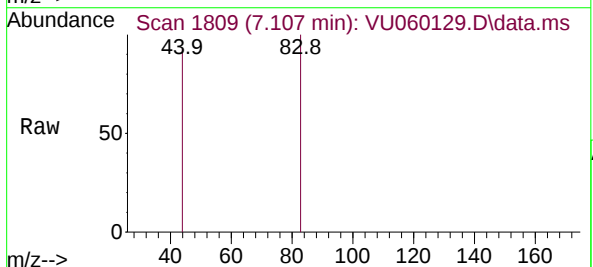
RT: 7.107 min Scan# 1809

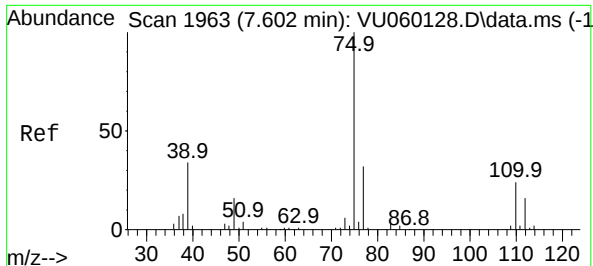
Delta R.T. 0.006 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Tgt Ion:	83	Resp:	234
Ion	Ratio	Lower	Upper
83	100		
85	0.0	43.5	80.7#
127	0.0	7.1	10.7#

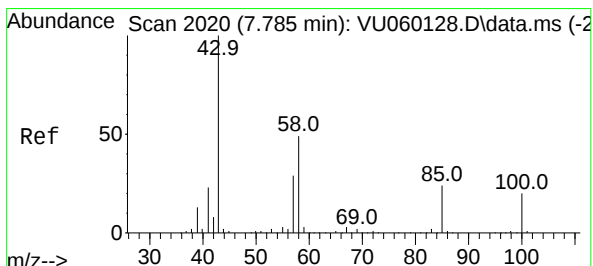
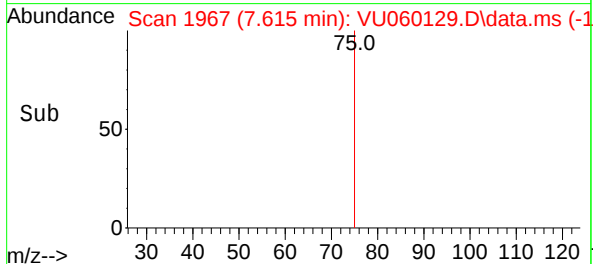
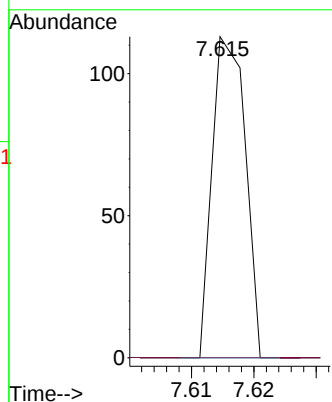
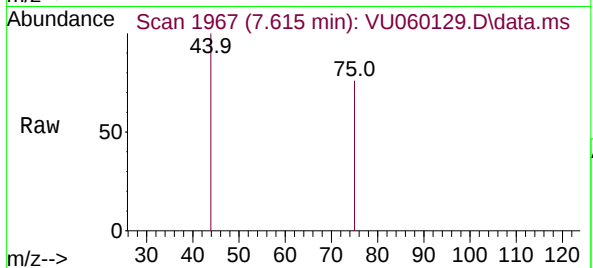




#39
 cis-1,3-Dichloropropene
 Concen: 0.259 ug/L
 RT: 7.615 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VU060129.D
 Acq: 23 Jul 2024 22:03

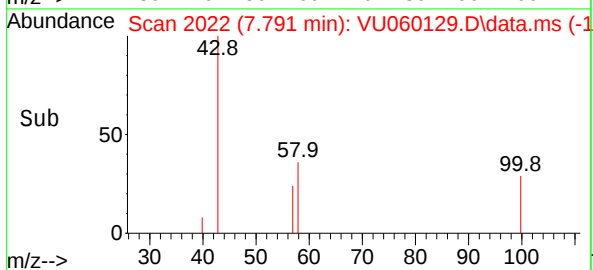
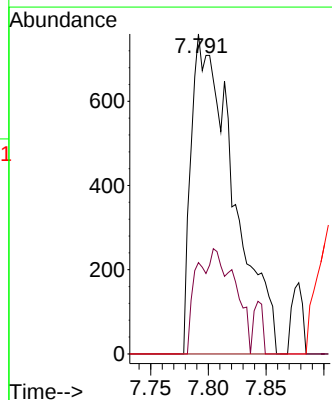
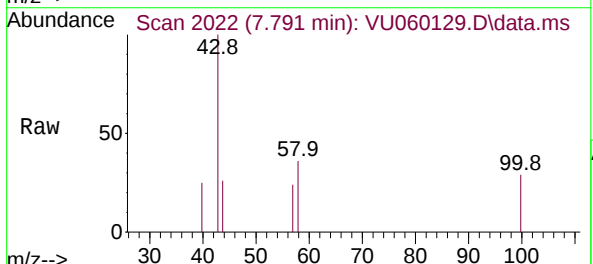
Instrument :
 MSVOA_U
 ClientSampleId :

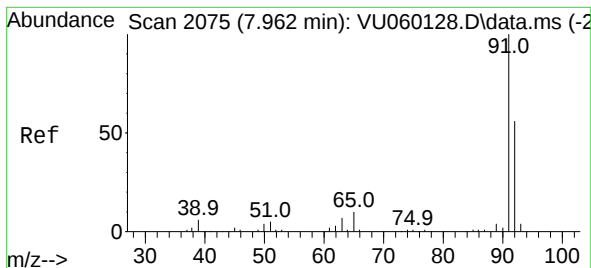
Tgt Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.2 43.2#



#40
 4-Methyl-2-pentanone
 Concen: 35.924 ug/L
 RT: 7.791 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: VU060129.D
 Acq: 23 Jul 2024 22:03

Tgt Ion: 43 Resp: 1928
 Ion Ratio Lower Upper
 43 100
 58 9.4 36.0 54.0#
 100 0.0 14.9 22.3#





#42

Toluene

Concen: 1.432 ug/L

RT: 7.975 min Scan# 2079

Delta R.T. 0.013 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

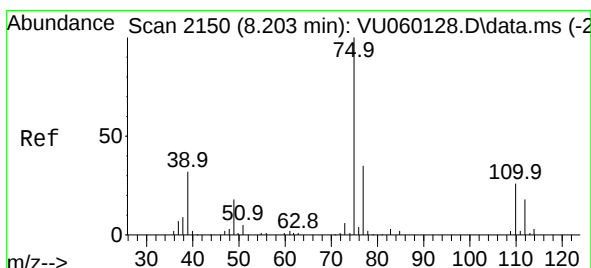
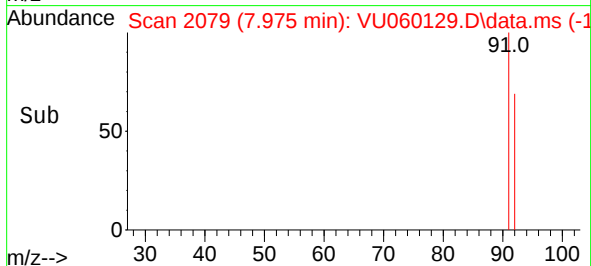
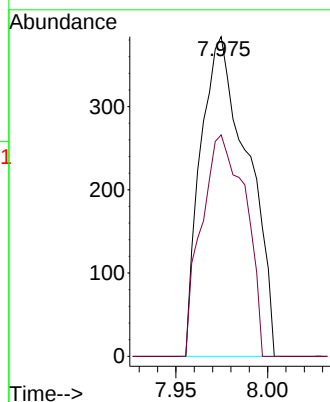
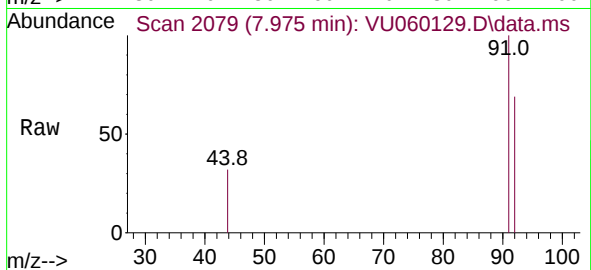
ClientSampleId :

Tgt Ion: 91 Resp: 684

Ion Ratio Lower Upper

91 100

92 69.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 0.302 ug/L

RT: 8.222 min Scan# 2156

Delta R.T. 0.019 min

Lab File: VU060129.D

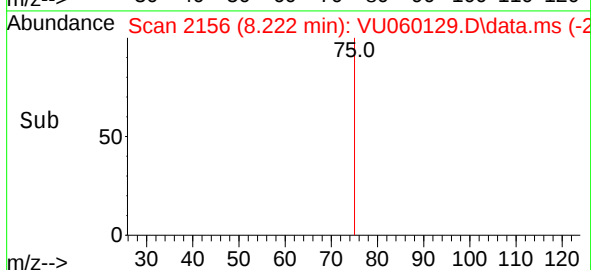
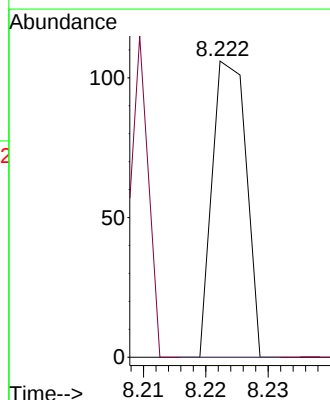
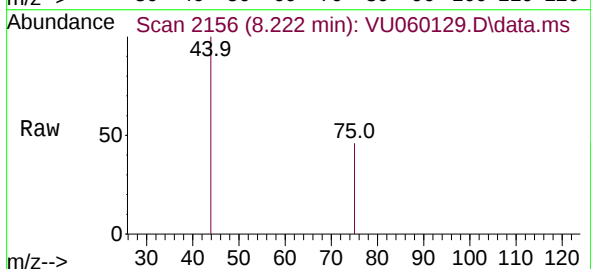
Acq: 23 Jul 2024 22:03

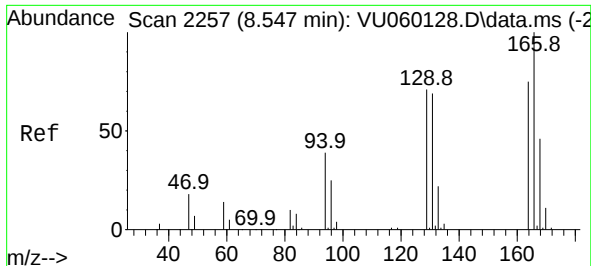
Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

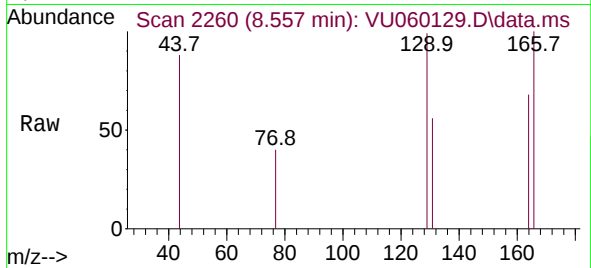
77 0.0 22.6 42.0#



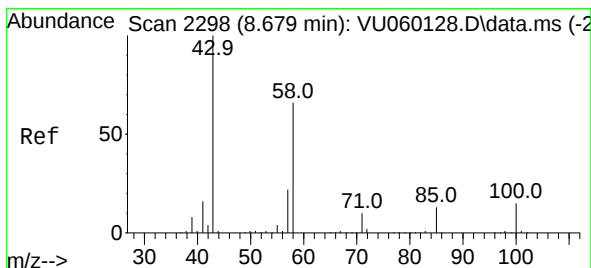
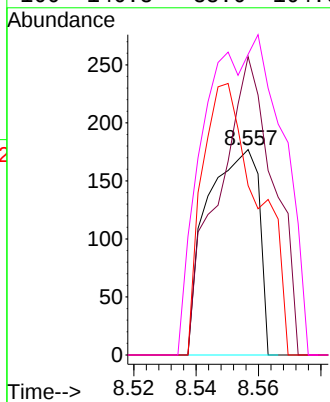
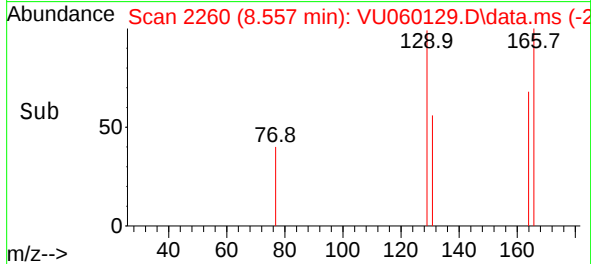


#47
Tetrachloroethene
Concen: 2.072 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

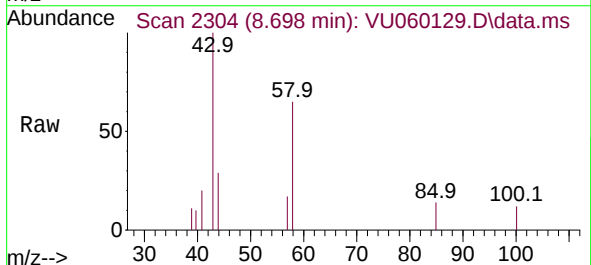
Instrument :
MSVOA_U
ClientSampleId :



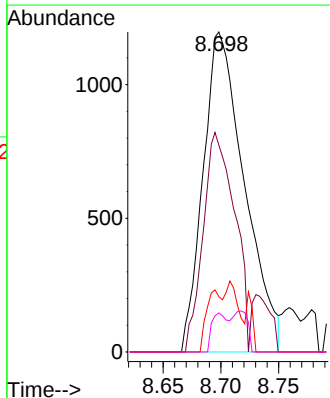
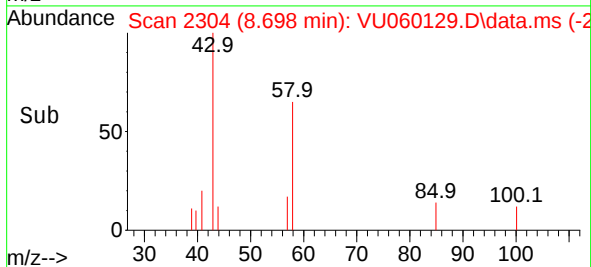
Tgt Ion:164 Resp: 204
Ion Ratio Lower Upper
164 100
129 145.2 64.6 120.0#
131 82.5 61.2 113.8
166 146.3 88.6 164.6

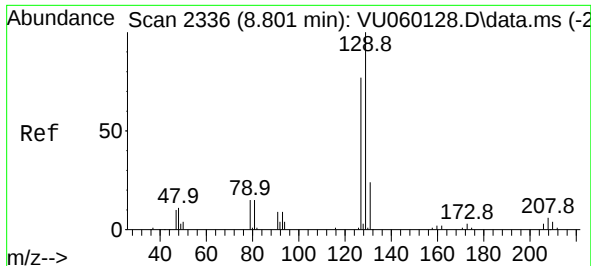


#48
2-Hexanone
Concen: 75.758 ug/L
RT: 8.698 min Scan# 2304
Delta R.T. 0.019 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03



Tgt Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
58 52.2 52.6 78.8#
57 7.4 17.8 26.8#
100 4.9 11.4 17.0#





#49

Dibromochloromethane

Concen: 1.141 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

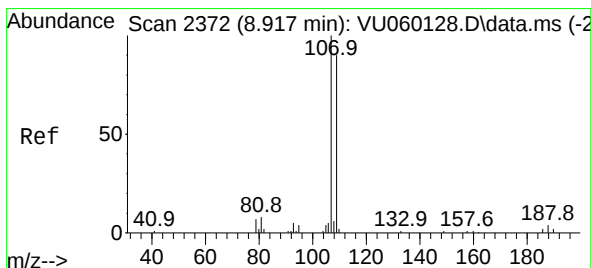
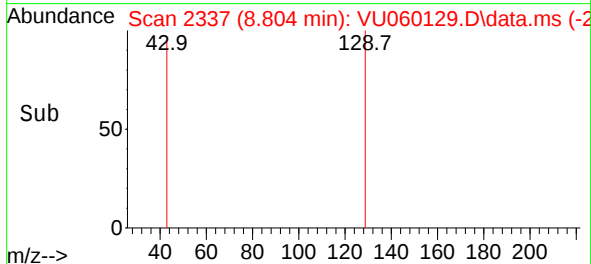
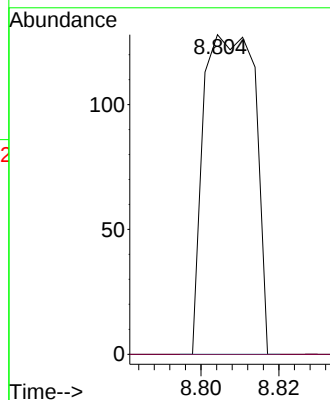
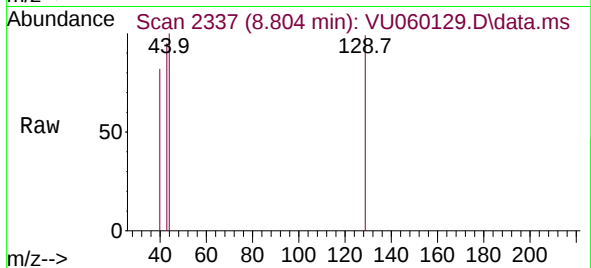
ClientSampleId :

Tgt Ion:129 Resp: 117

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



#50

1,2-Dibromoethane

Concen: 0.501 ug/L

RT: 8.926 min Scan# 2375

Delta R.T. 0.010 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

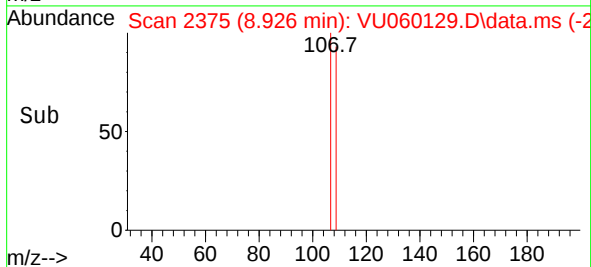
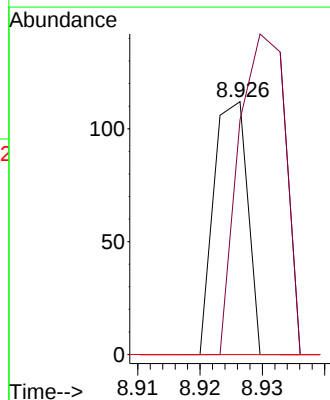
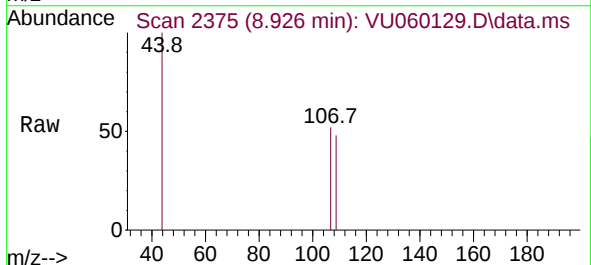
Tgt Ion:107 Resp: 42

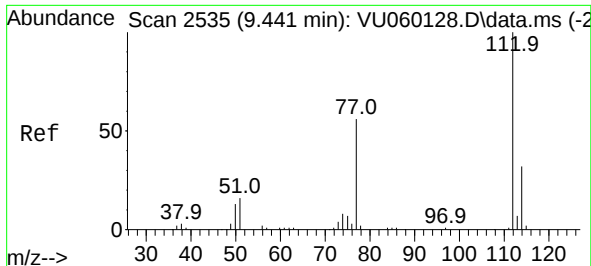
Ion Ratio Lower Upper

107 100

109 92.9 64.0 118.8

188 0.0 3.0 4.6#





#51

Chlorobenzene

Concen: 2.765 ug/L

RT: 9.447 min Scan# 2535

Delta R.T. 0.006 min

Lab File: VU060129.D

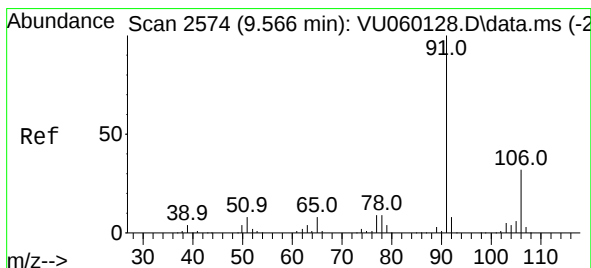
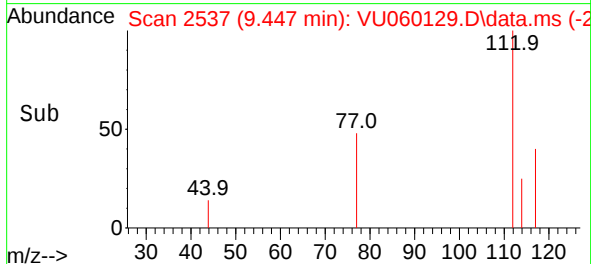
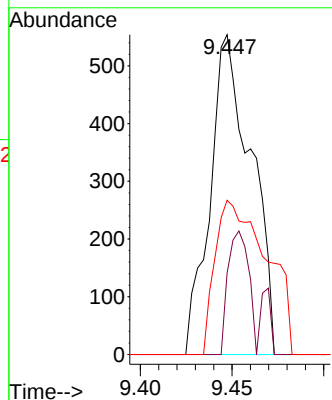
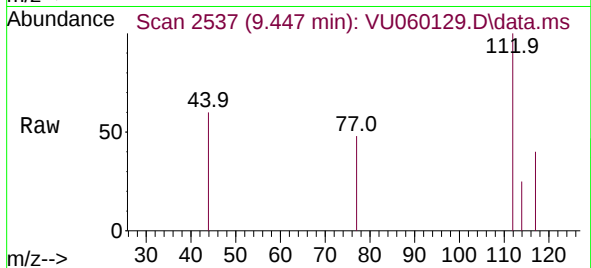
Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	112	Resp:	863
Ion	Ratio	Lower	Upper
112	100		
114	25.5	22.1	41.1
77	48.2	44.7	67.1



#52

Ethylbenzene

Concen: 1.862 ug/L

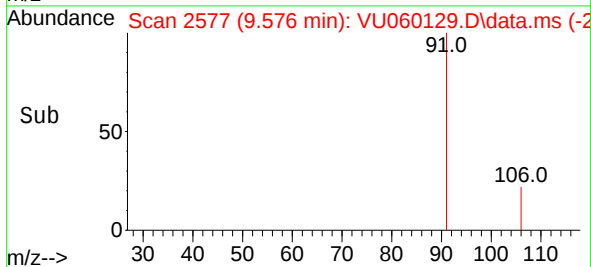
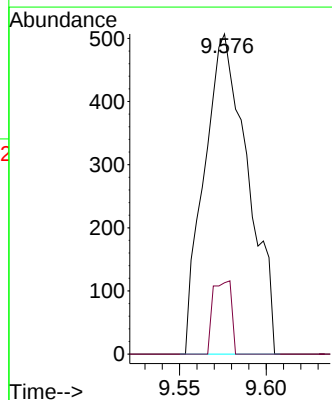
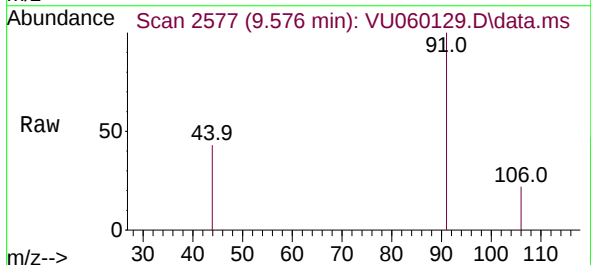
RT: 9.576 min Scan# 2577

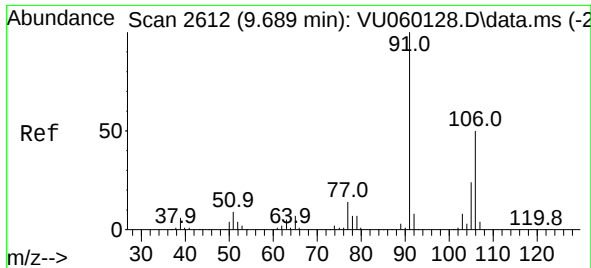
Delta R.T. 0.010 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Tgt Ion:	91	Resp:	887
Ion	Ratio	Lower	Upper
91	100		
106	22.3	21.9	40.7

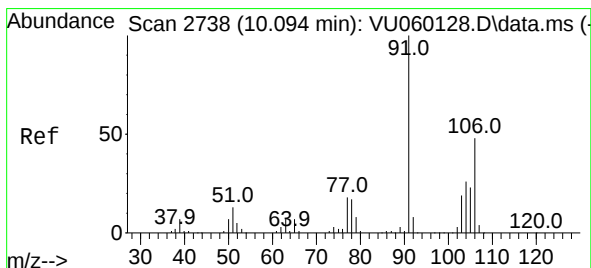
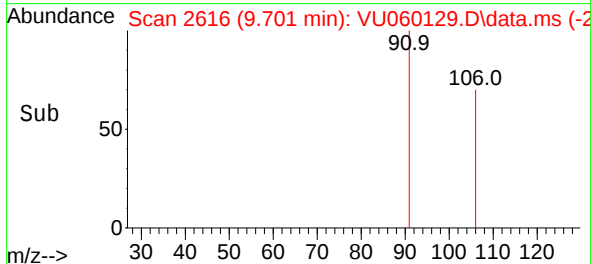
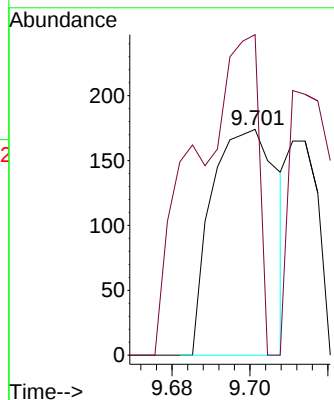
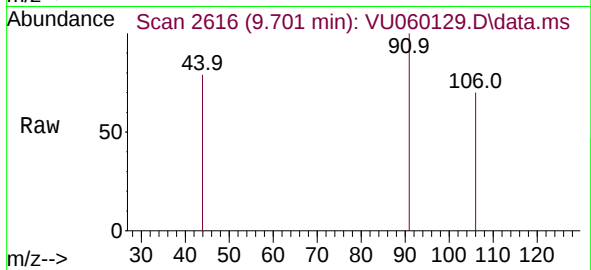




#53
m,p-Xylene
Concen: 1.097 ug/L
RT: 9.701 min Scan# 2616
Delta R.T. 0.013 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

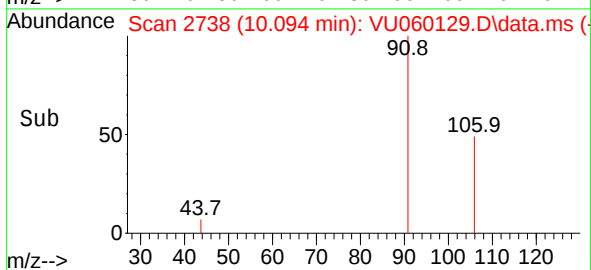
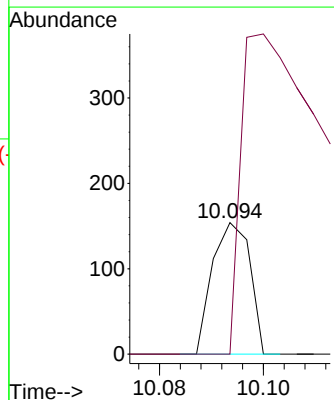
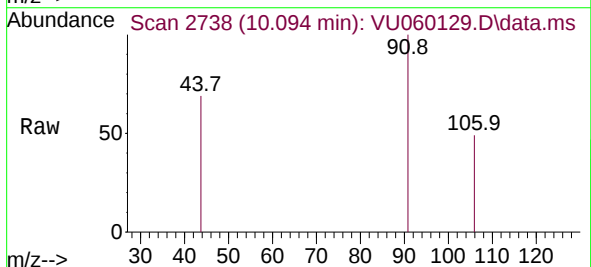
Instrument :
MSVOA_U
ClientSampleId :

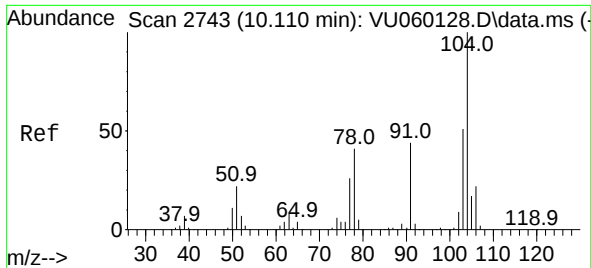
Tgt Ion:106 Resp: 202
Ion Ratio Lower Upper
106 100
91 142.0 141.3 262.5



#54
o-Xylene
Concen: 0.437 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

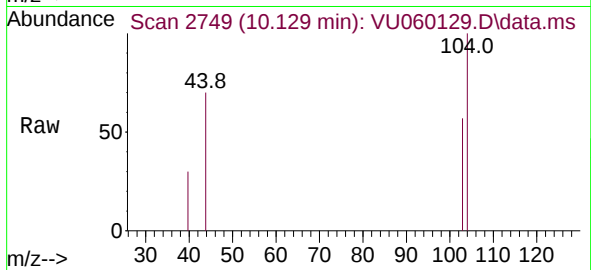
Tgt Ion:106 Resp: 77
Ion Ratio Lower Upper
106 100
91 0.0 143.6 266.6#



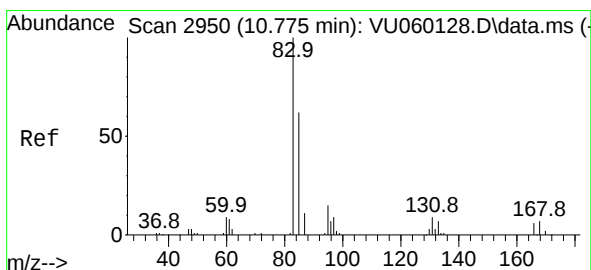
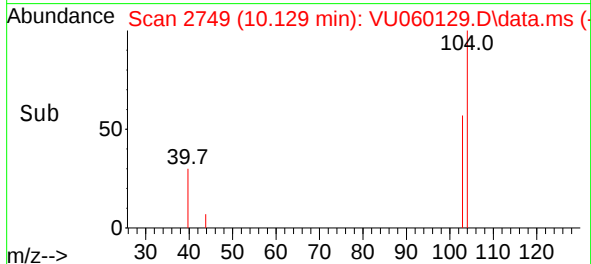
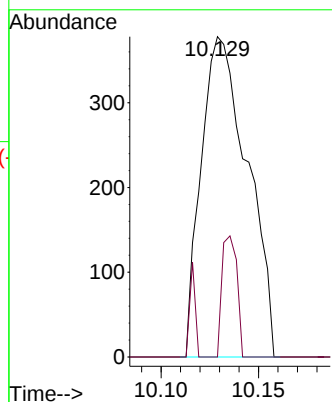


#55
Styrene
Concen: 2.079 ug/L
RT: 10.129 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Instrument :
MSVOA_U
ClientSampleId :

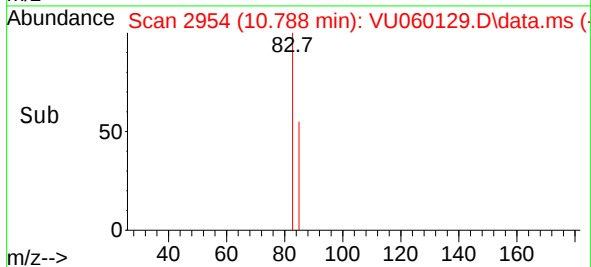
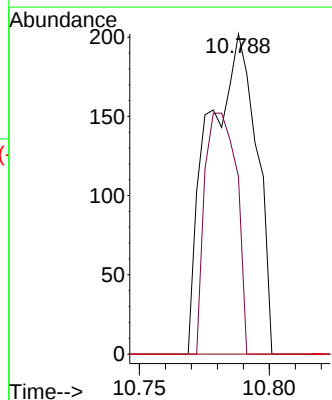
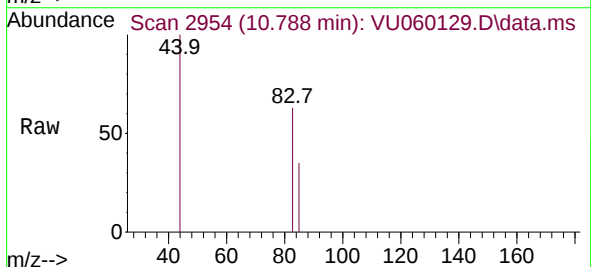


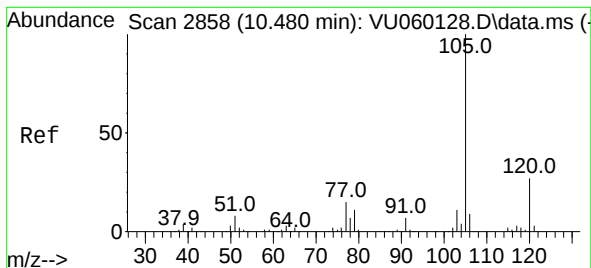
Tgt Ion:104 Resp: 623
Ion Ratio Lower Upper
104 100
78 0.0 31.4 58.4#



#57
1,1,2,2-Tetrachloroethane
Concen: 2.284 ug/L
RT: 10.788 min Scan# 2954
Delta R.T. 0.013 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

Tgt Ion: 83 Resp: 259
Ion Ratio Lower Upper
83 100
85 55.4 46.8 87.0
131 0.0 7.8 11.6#





#60

Isopropylbenzene

Concen: 0.955 ug/L

RT: 10.483 min Scan# 21

Delta R.T. 0.003 min

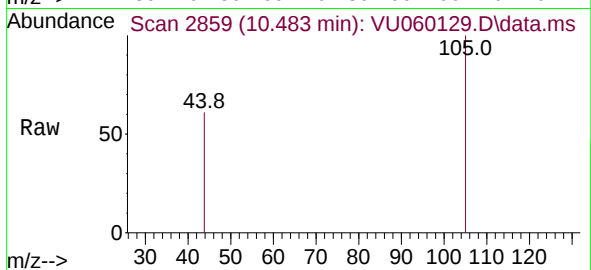
Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

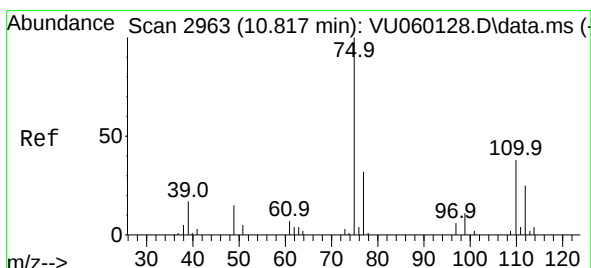
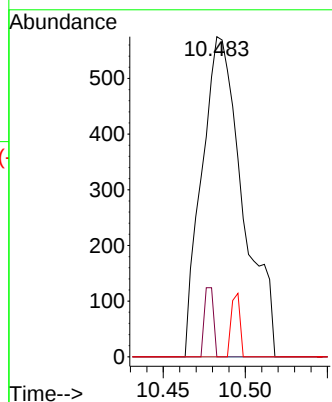
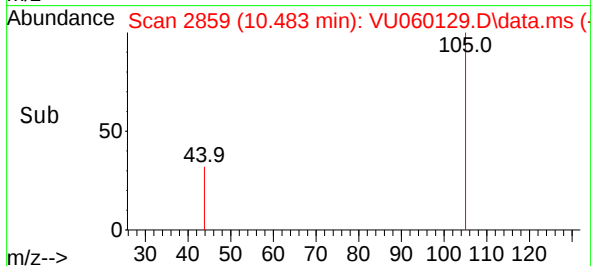
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	105	Resp:	996
Ion	Ratio	Lower	Upper
105	100		
120	4.8	21.9	32.9#
77	4.1	12.1	18.1#



#61

1,2,3-Trichloropropane

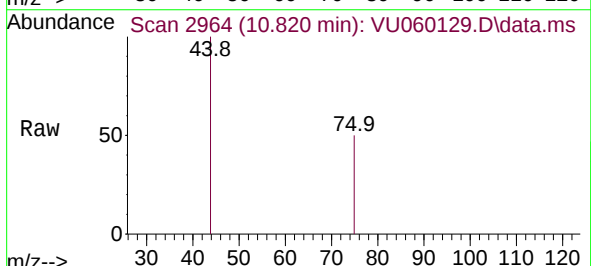
Concen: 0.809 ug/L

RT: 10.820 min Scan# 2964

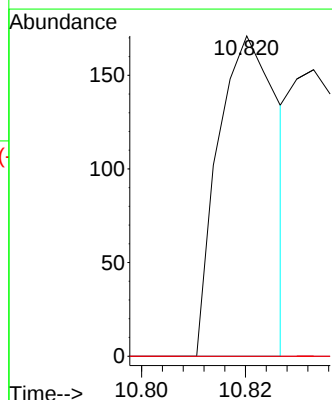
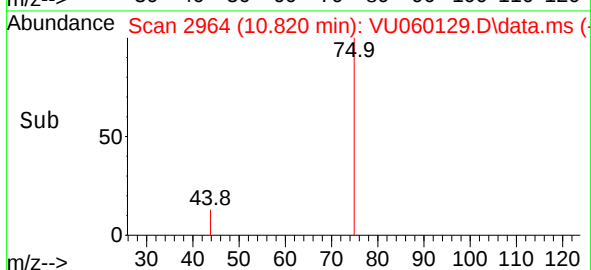
Delta R.T. 0.003 min

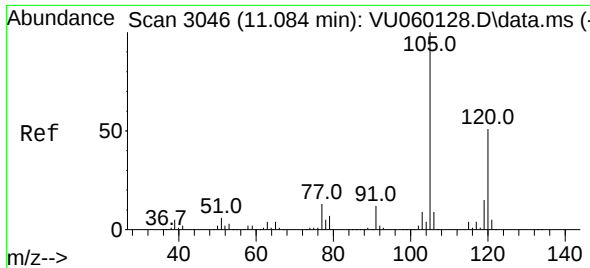
Lab File: VU060129.D

Acq: 23 Jul 2024 22:03



Tgt Ion:	75	Resp:	136
Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.8	46.2#
77	0.0	26.2	39.2#





#62

1,3,5-Trimethylbenzene

Concen: 0.895 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

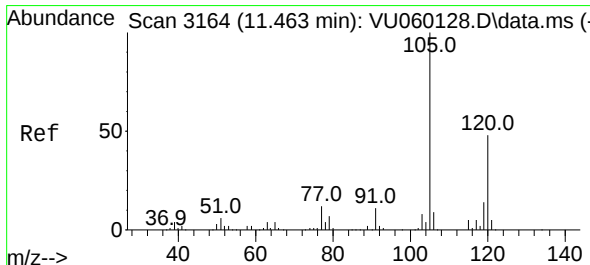
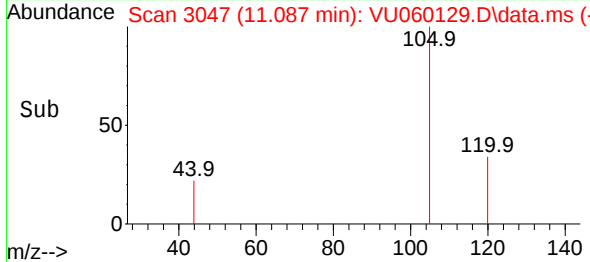
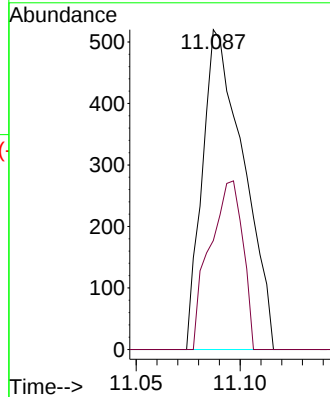
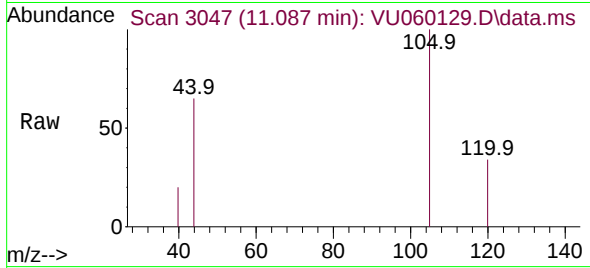
ClientSampleId :

Tgt Ion:105 Resp: 713

Ion Ratio Lower Upper

105 100

120 42.4 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 0.999 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.006 min

Lab File: VU060129.D

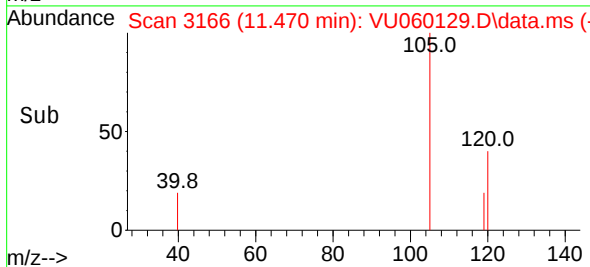
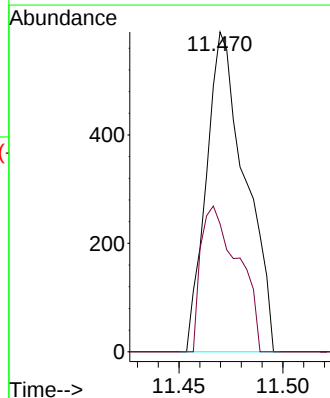
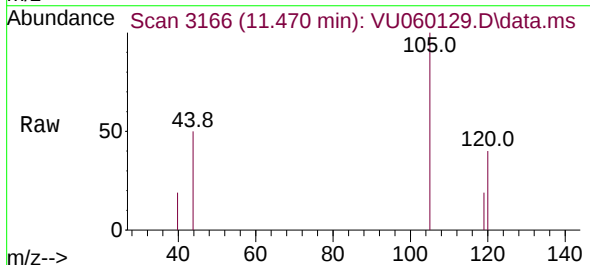
Acq: 23 Jul 2024 22:03

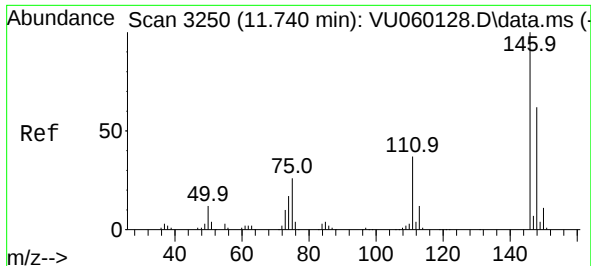
Tgt Ion:105 Resp: 769

Ion Ratio Lower Upper

105 100

120 43.8 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 2.654 ug/L

RT: 11.749 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :

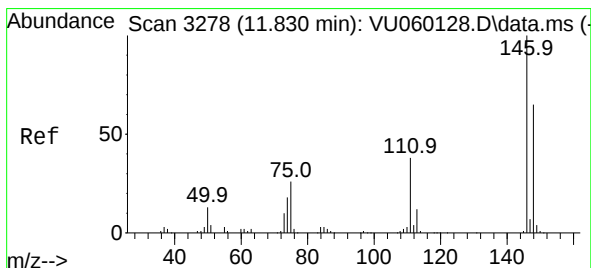
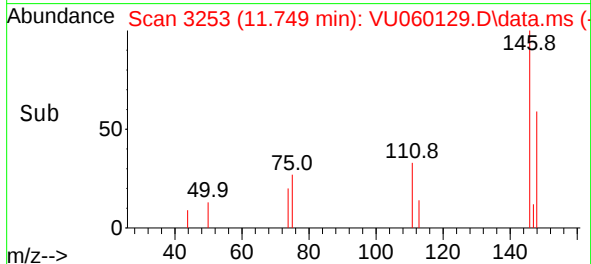
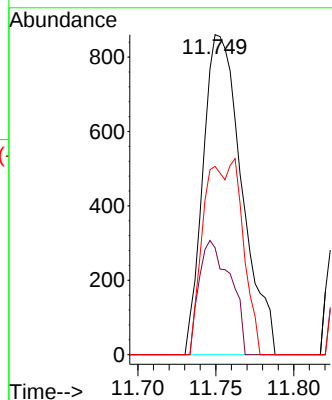
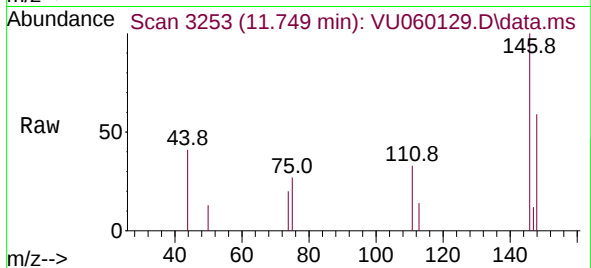
Tgt Ion:146 Resp: 1489

Ion Ratio Lower Upper

146 100

111 33.4 27.2 50.4

148 58.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 3.381 ug/L

RT: 11.846 min Scan# 3283

Delta R.T. 0.016 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

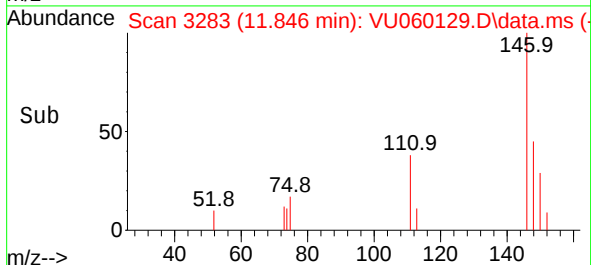
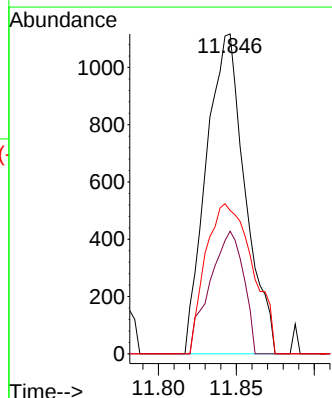
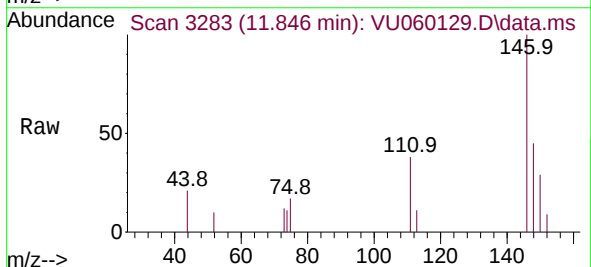
Tgt Ion:146 Resp: 1931

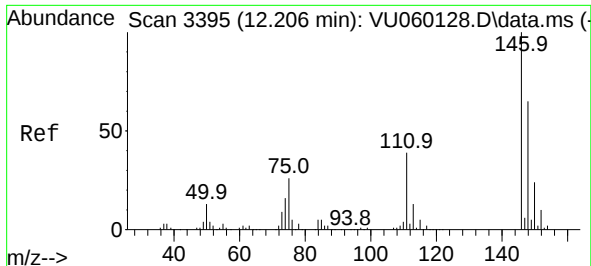
Ion Ratio Lower Upper

146 100

111 38.3 26.5 49.1

148 44.9 45.3 84.1#





#67

1,2-Dichlorobenzene

Concen: 3.162 ug/L

RT: 12.216 min Scan# 3395

Delta R.T. 0.010 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :

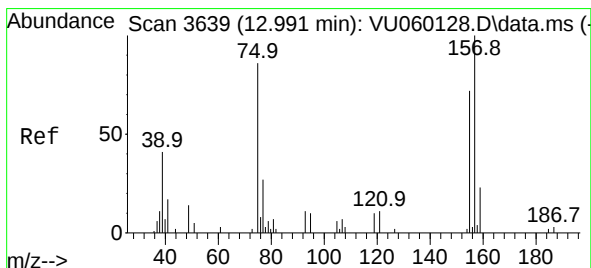
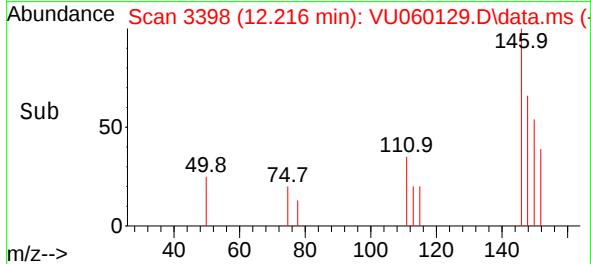
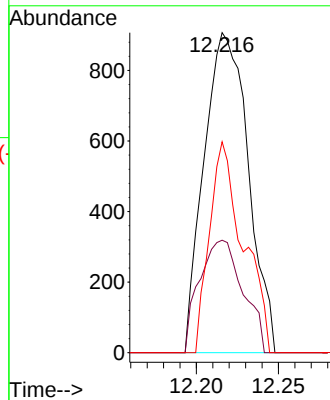
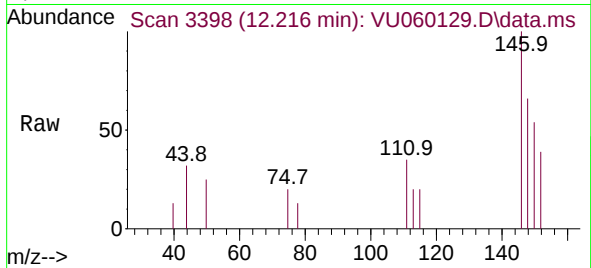
Tgt Ion:146 Resp: 1698

Ion Ratio Lower Upper

146 100

111 35.2 30.9 46.3

148 65.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.923 ug/L

RT: 13.222 min Scan# 3711

Delta R.T. 0.231 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

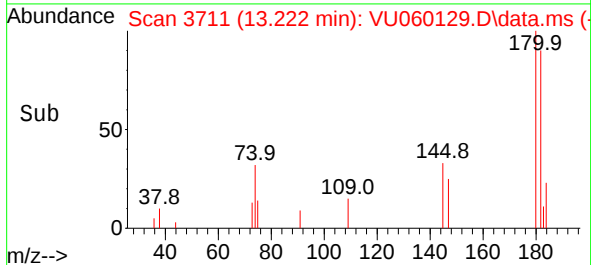
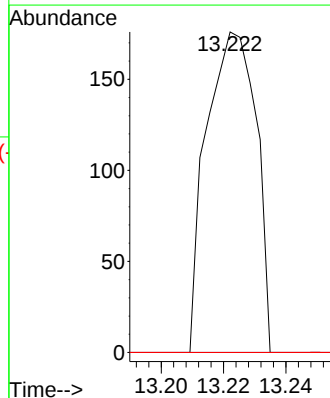
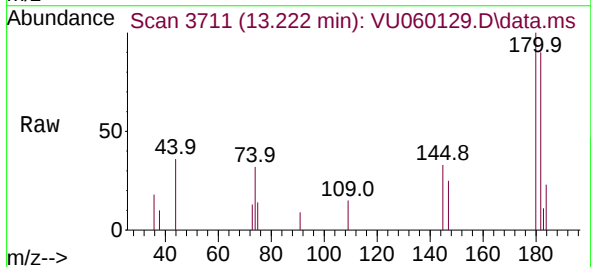
Tgt Ion: 75 Resp: 194

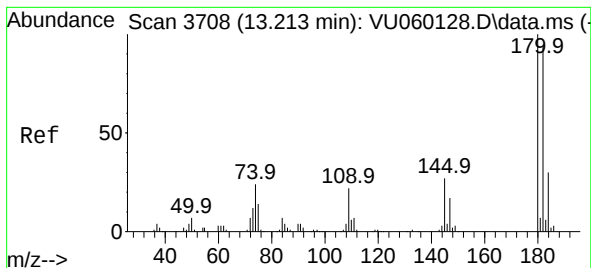
Ion Ratio Lower Upper

75 100

155 0.0 70.6 105.8#

157 0.0 99.4 149.2#





#69

1,3,5-Trichlorobenzene

Concen: 7.865 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.627 min

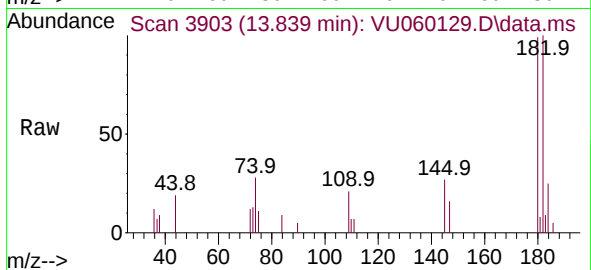
Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3330

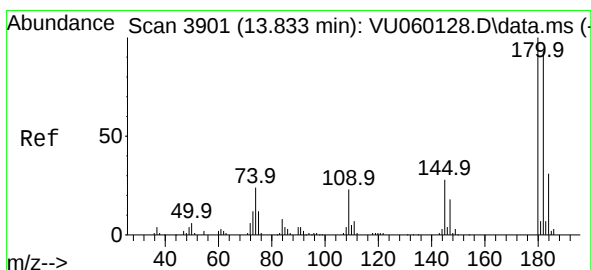
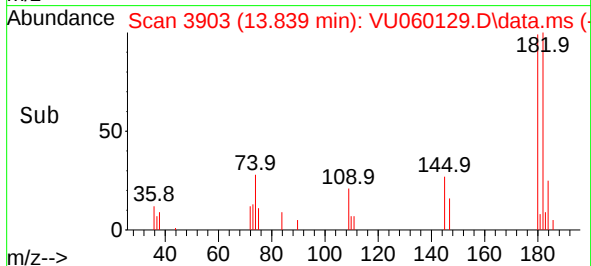
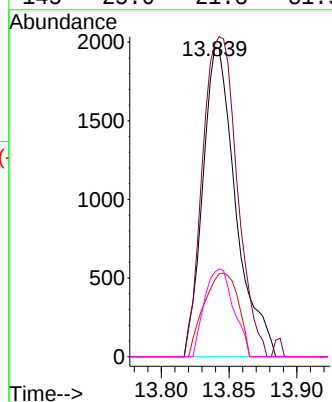
Ion Ratio Lower Upper

180 100

182 108.5 74.6 111.8

184 27.8 23.1 34.7

145 25.0 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 10.334 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU060129.D

Acq: 23 Jul 2024 22:03

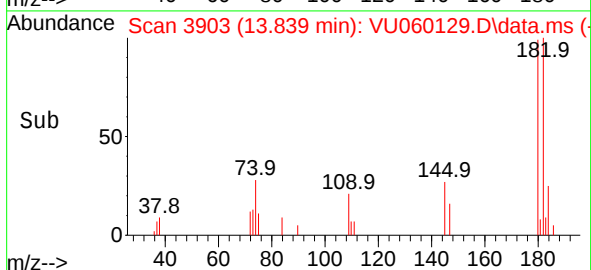
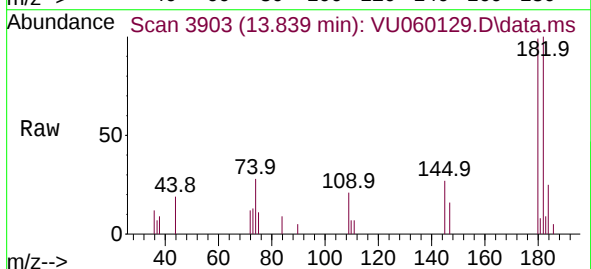
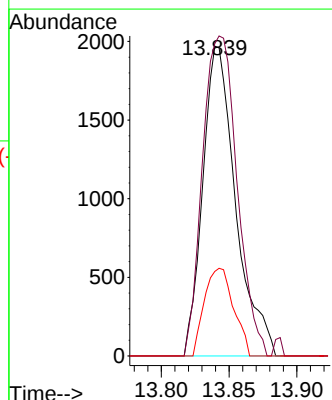
Tgt Ion:180 Resp: 3330

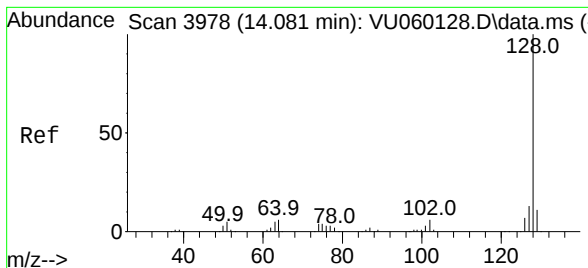
Ion Ratio Lower Upper

180 100

182 108.5 77.2 115.8

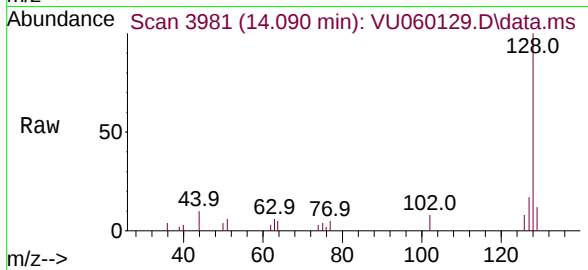
145 25.0 23.0 34.4



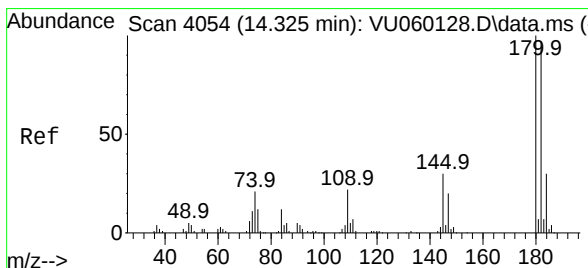
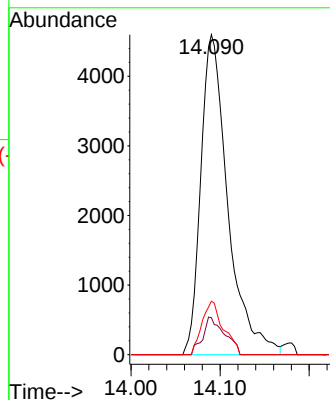
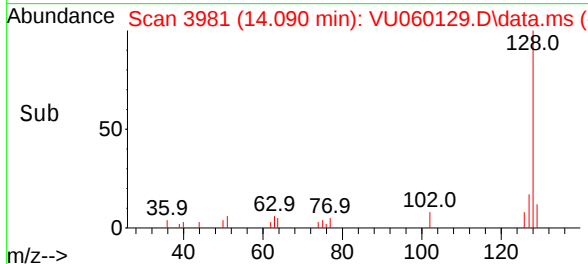


#71
Naphthalene
Concen: 21.265 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03

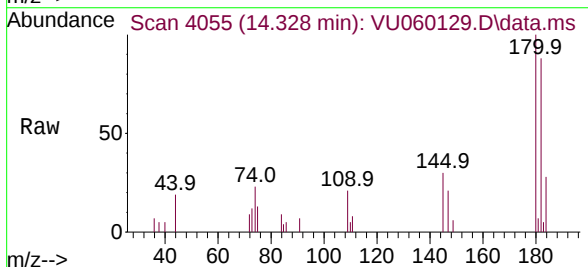
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 9709
Ion Ratio Lower Upper
128 100
129 9.5 8.2 12.4
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 15.158 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU060129.D
Acq: 23 Jul 2024 22:03



Tgt Ion:180 Resp: 4393
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 25.1 23.9 35.9

