

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051602.D
 Acq On : 29 Oct 2022 06:05
 Operator : JC/MD
 Sample : N5276-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W5MSD

Quant Time: Oct 29 06:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222696	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66250	3.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.909	69	65470	3.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.562	65	25223	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.649	46	154840	25.491	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.980%
24) Chloroform-d	5.060	84	150437	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	5.700	65	73270	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
32) Benzene-d6	5.726	84	269032	3.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.690	67	91157	3.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.896	98	227938	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.179	79	23194	3.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.200%
46) 2-Hexanone-d5	8.636	63	147429	31.756	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	85687	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85560	4.080	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	111811	4.591	ug/L	100
3) Chloromethane	1.520	50	137870	4.491	ug/L	100
5) Vinyl chloride	1.597	62	135090	4.593	ug/L #	10
6) Bromomethane	1.855	94	27052	1.940	ug/L	96
8) Chloroethane	1.929	64	85297	4.776	ug/L #	81
9) Trichlorofluoromethane	2.134	101	148954	4.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	81698	4.304	ug/L	98
12) 1,1-Dichloroethene	2.575	96	89498	4.623	ug/L	97
13) Acetone	2.665	43	87128	28.270	ug/L	80
14) Carbon disulfide	2.787	76	330295	5.292	ug/L	100
15) Methyl Acetate	2.967	43	13094	1.623	ug/L #	85
16) Methylene chloride	3.041	84	107551	3.392	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	195609	4.406	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	93749	4.512	ug/L	99
19) 1,1-Dichloroethane	3.864	63	176977	4.618	ug/L	99
21) 2-Butanone	4.729	43	173023	35.849	ug/L	90
22) cis-1,2-Dichloroethene	4.665	96	99039	4.308	ug/L	99
23) Bromochloromethane	4.973	128	47692	4.437	ug/L	97
25) Chloroform	5.086	83	183018	4.603	ug/L	99

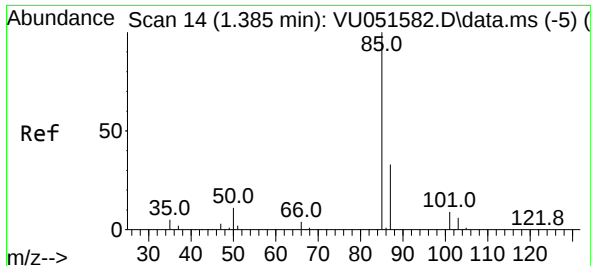
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109684	4.483	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	141218	4.550	ug/L	99
30) Cyclohexane	5.385	56	125931	4.407	ug/L	100
31) Carbon tetrachloride	5.520	117	118707	4.472	ug/L	99
33) Benzene	5.771	78	414510	4.595	ug/L	100
34) Trichloroethene	6.539	95	93476	4.294	ug/L	99
35) Methylcyclohexane	6.761	83	119687	3.977	ug/L	97
37) 1,2-Dichloropropane	6.790	63	105598	4.551	ug/L	100
38) Bromodichloromethane	7.105	83	129704	4.577	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	106549	3.580	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	528450	45.413	ug/L	99
42) Toluene	7.967	91	440591	4.756	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	90254	3.628	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	77391	4.552	ug/L	98
47) Tetrachloroethene	8.552	164	70823	4.248	ug/L	98
48) 2-Hexanone	8.687	43	378136	43.901	ug/L	94
49) Dibromochloromethane	8.806	129	89755	4.621	ug/L	96
50) 1,2-Dibromoethane	8.922	107	70428	4.592	ug/L	94
51) Chlorobenzene	9.443	112	259392	4.449	ug/L	99
52) Ethylbenzene	9.568	91	393608	4.404	ug/L	100
53) m,p-Xylene	9.694	106	158228	4.558	ug/L	100
54) o-Xylene	10.099	106	155676	4.588	ug/L	99
55) Styrene	10.111	104	260468	4.592	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	101143	4.798	ug/L	98
59) Bromoform	10.288	173	47498	4.499	ug/L	99
60) Isopropylbenzene	10.481	105	382310	4.584	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	70300	4.758	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	95581	4.257	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	280271	4.329	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	190778	4.594	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	187185	4.496	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	191670	4.739	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13717	4.509	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	125505	4.240	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	96867	4.263	ug/L	99
71) Naphthalene	14.082	128	185873	4.382	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	103745	4.522	ug/L	99

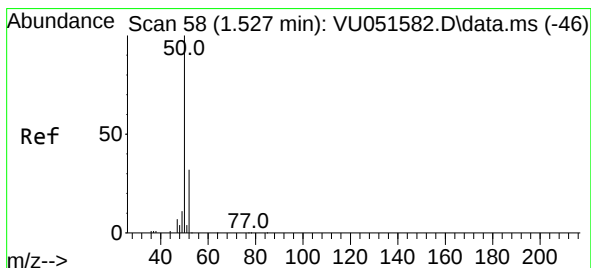
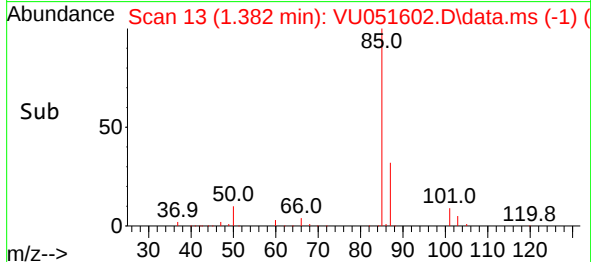
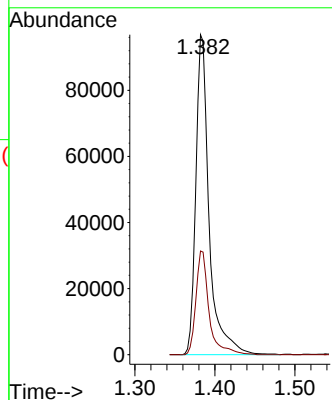
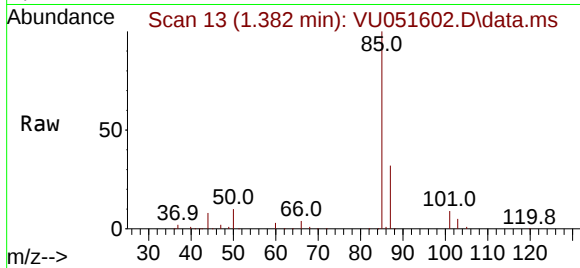
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#2
 Dichlorodifluoromethane
 Concen: 4.591 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU051602.D
 Acq: 29 Oct 2022 06:05

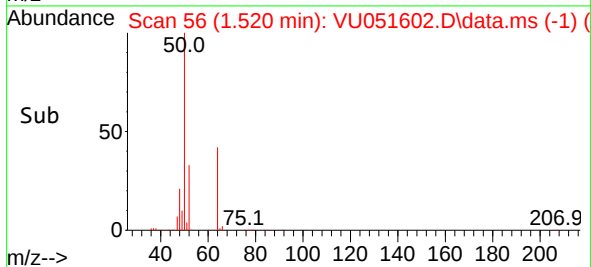
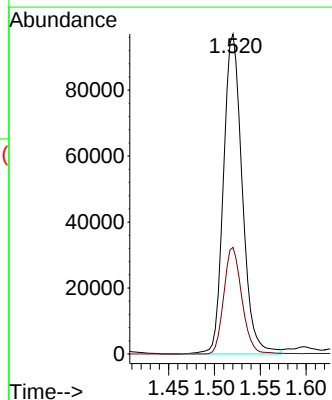
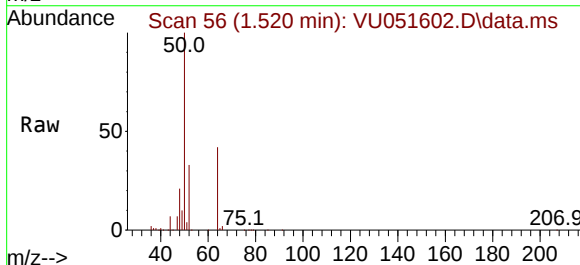
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W5MSD

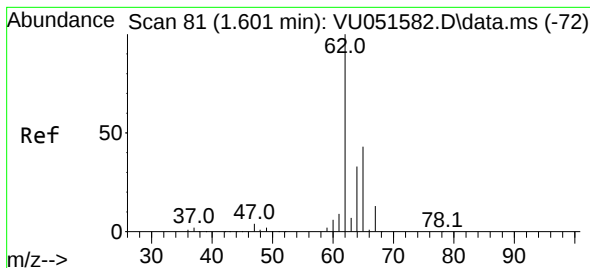
Tgt Ion: 85 Resp: 111811
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 4.491 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.006 min
 Lab File: VU051602.D
 Acq: 29 Oct 2022 06:05

Tgt Ion: 50 Resp: 137870
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2





#5

Vinyl chloride

Concen: 4.593 ug/L

RT: 1.597 min Scan# 80

Delta R.T. -0.003 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

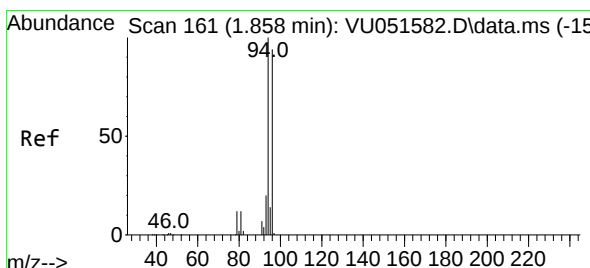
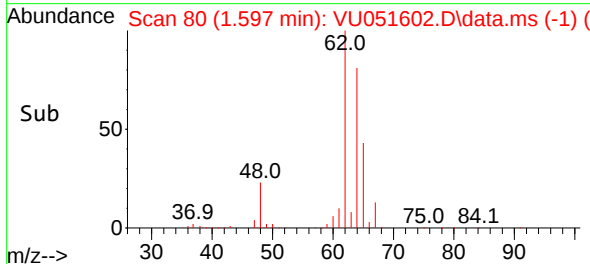
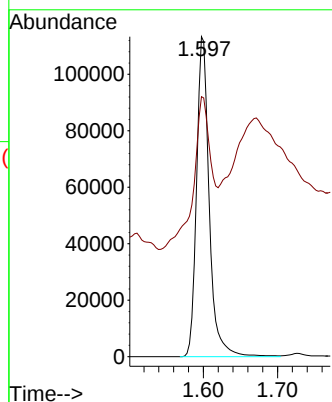
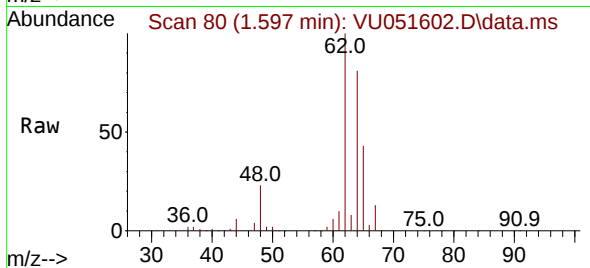
EW4W5MSD

Tgt Ion: 62 Resp: 135090

Ion Ratio Lower Upper

62 100

64 81.2 22.1 41.1#



#6

Bromomethane

Concen: 1.940 ug/L

RT: 1.855 min Scan# 160

Delta R.T. -0.003 min

Lab File: VU051602.D

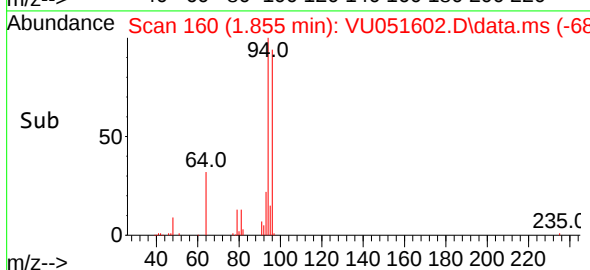
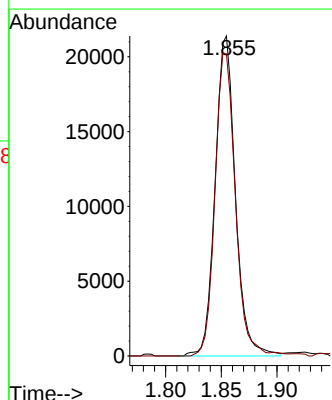
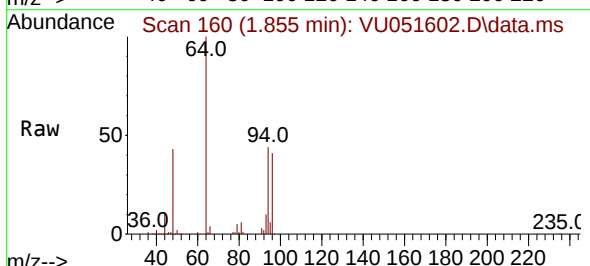
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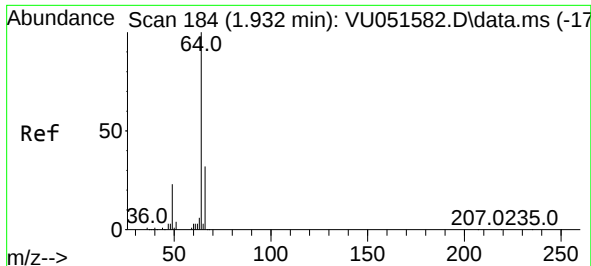
Tgt Ion: 94 Resp: 27052

Ion Ratio Lower Upper

94 100

96 94.4 63.2 117.4

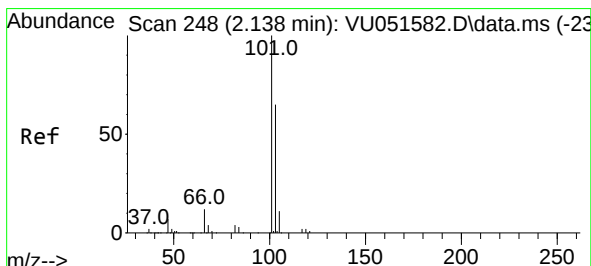
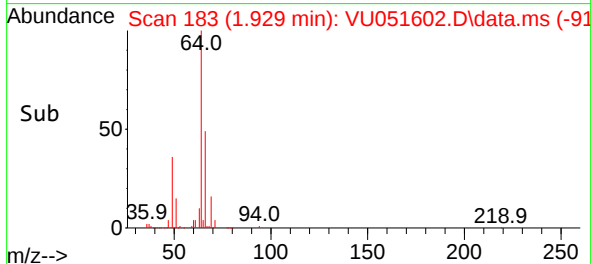
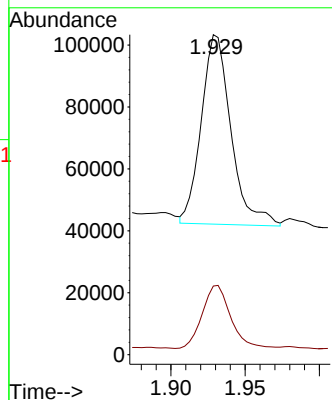
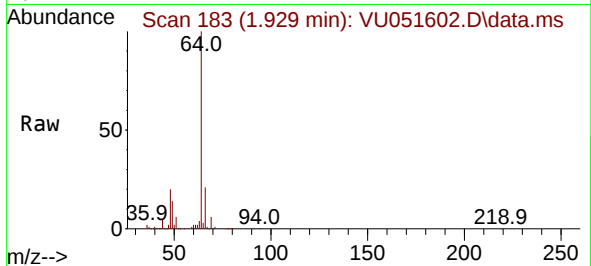




#8
Chloroethane
Concen: 4.776 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

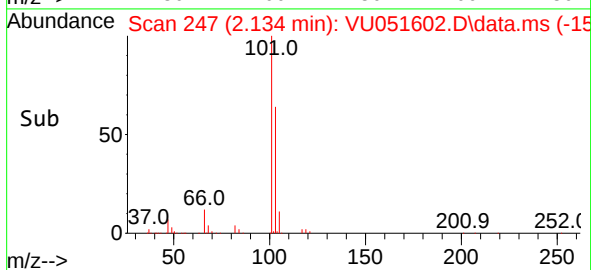
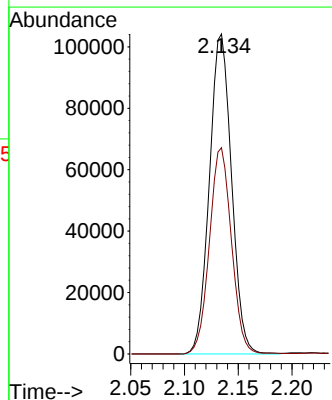
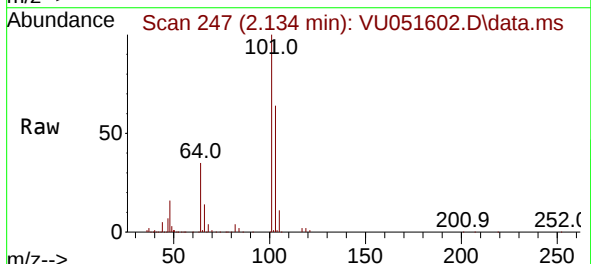
Instrument :
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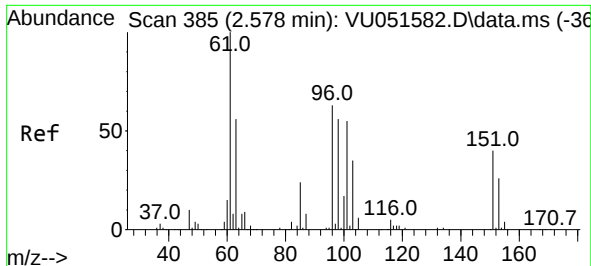
Tgt Ion: 64 Resp: 85297
Ion Ratio Lower Upper
64 100
66 21.5 22.3 41.5#



#9
Trichlorofluoromethane
Concen: 4.614 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 101 Resp: 148954
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

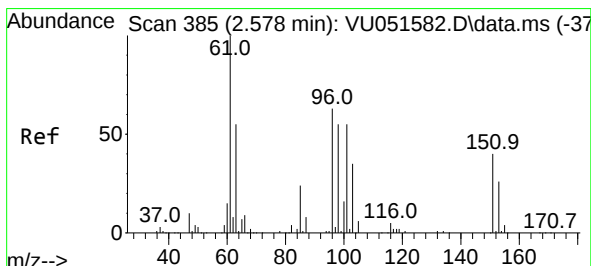
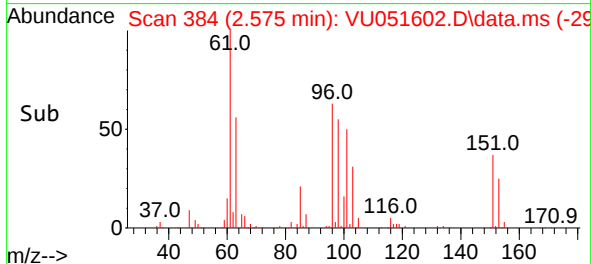
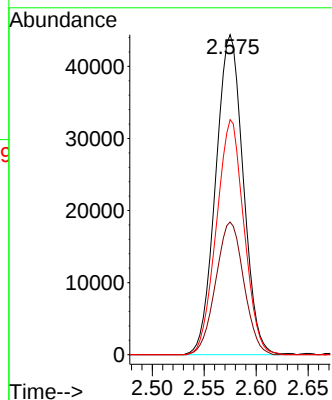
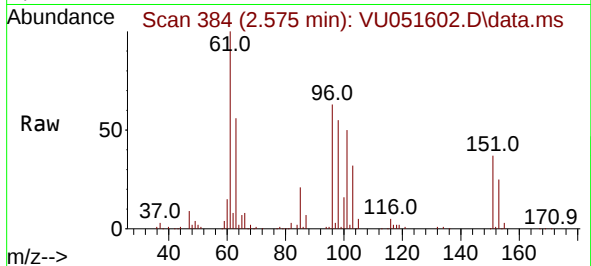




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.304 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

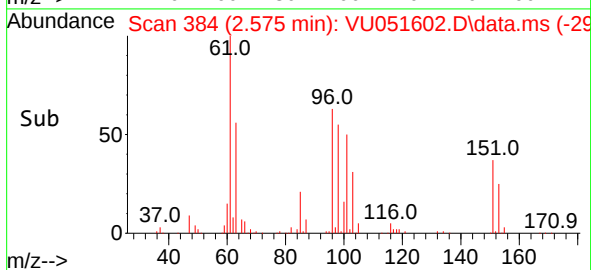
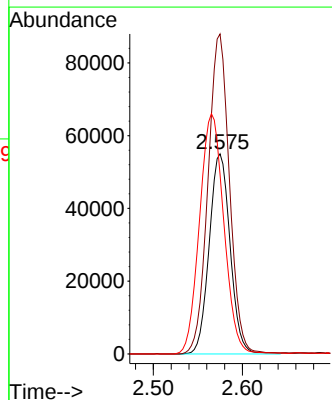
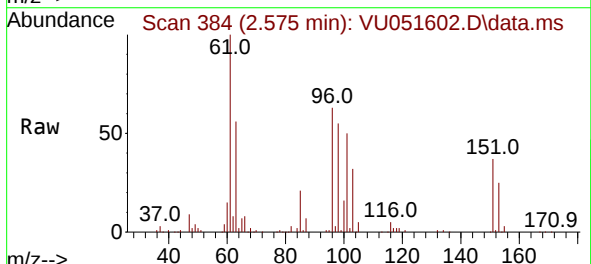
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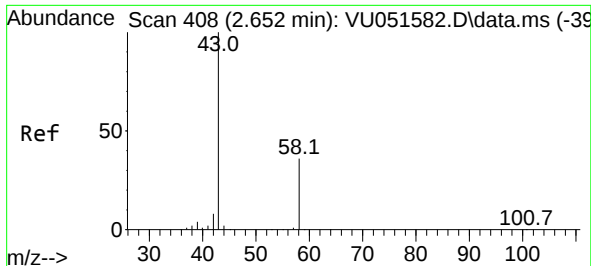
Tgt Ion:101 Resp: 81698
Ion Ratio Lower Upper
101 100
85 42.4 35.6 53.4
151 73.7 59.6 89.4



#12
1,1-Dichloroethene
Concen: 4.623 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 96 Resp: 89498
Ion Ratio Lower Upper
96 100
61 159.9 108.8 202.0
63 89.8 64.9 120.5





#13

Acetone

Concen: 28.270 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.013 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

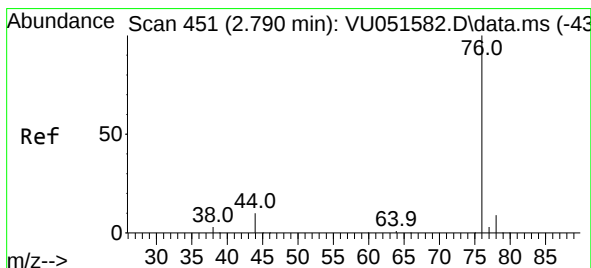
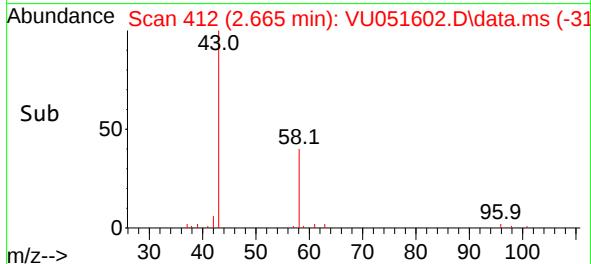
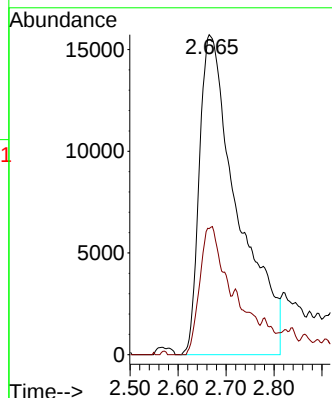
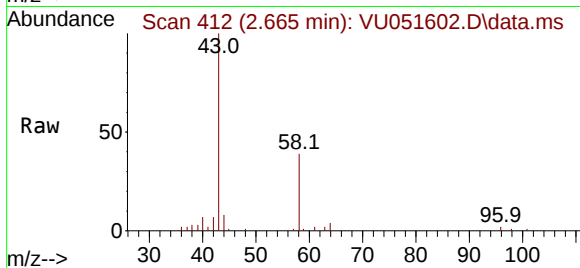
EW4W5MSD

Tgt Ion: 43 Resp: 87128

Ion Ratio Lower Upper

43 100

58 24.9 0.0 73.8



#14

Carbon disulfide

Concen: 5.292 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051602.D

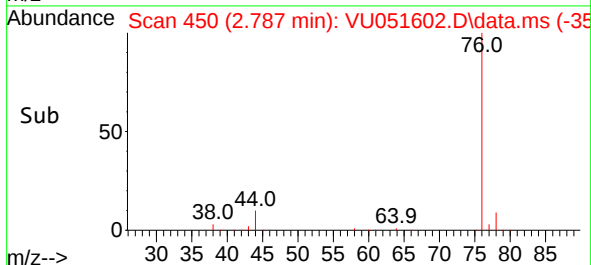
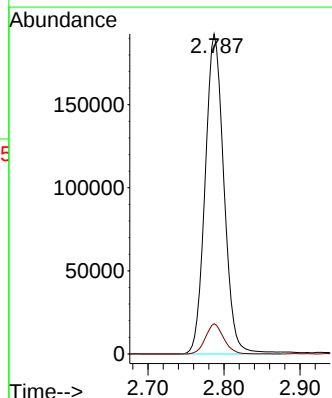
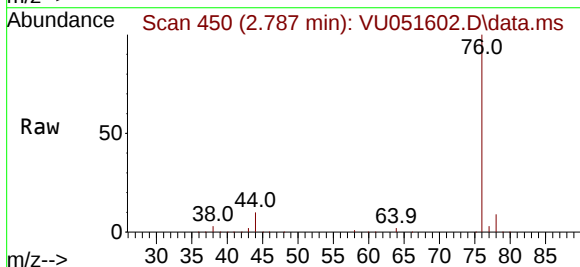
Acq: 29 Oct 2022 06:05

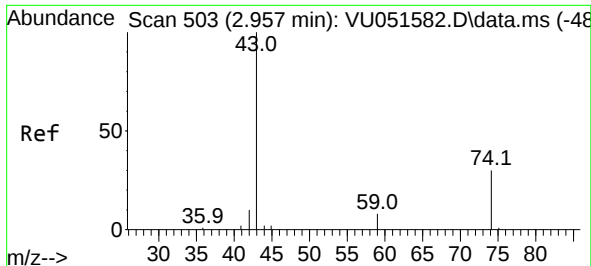
Tgt Ion: 76 Resp: 330295

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

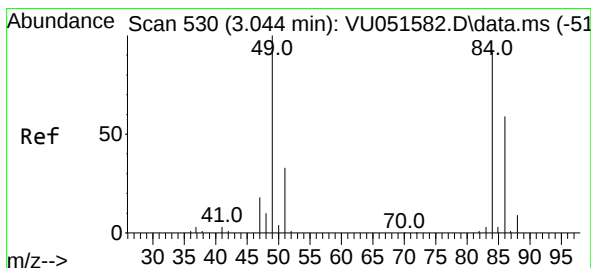
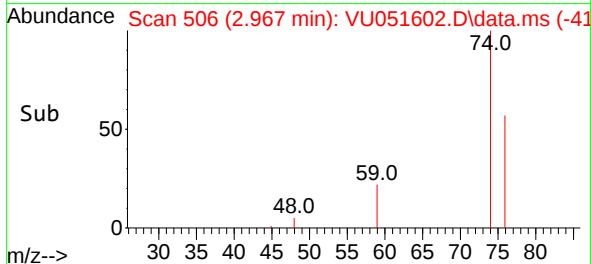
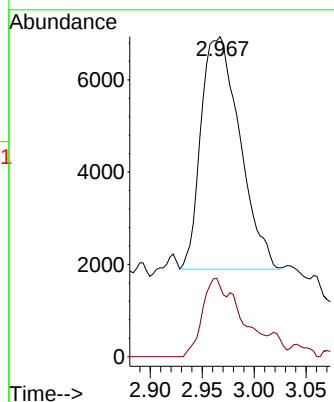
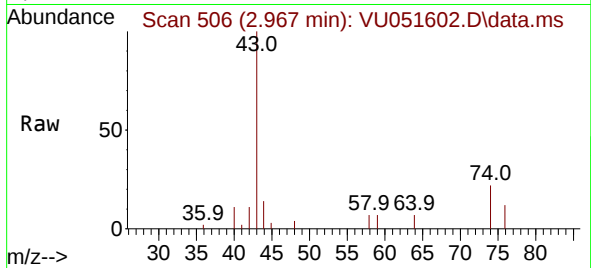




#15
Methyl Acetate
Concen: 1.623 ug/L
RT: 2.967 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

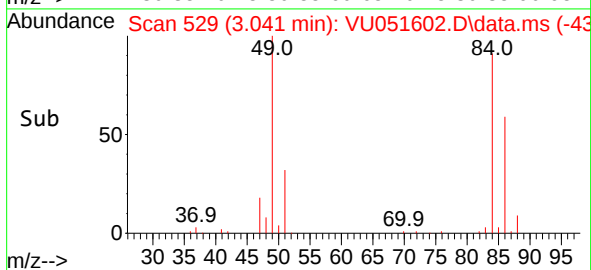
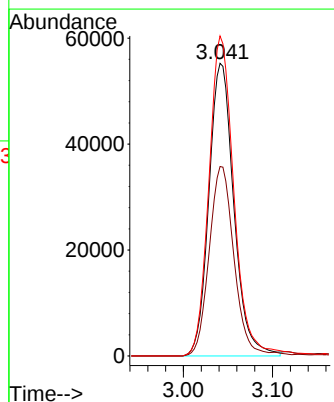
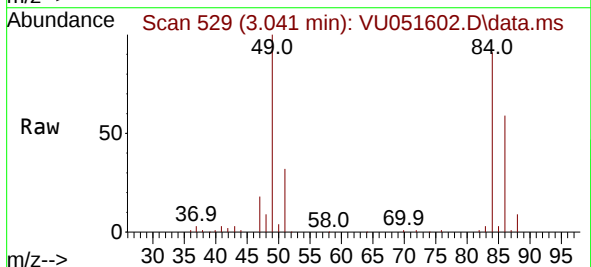
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

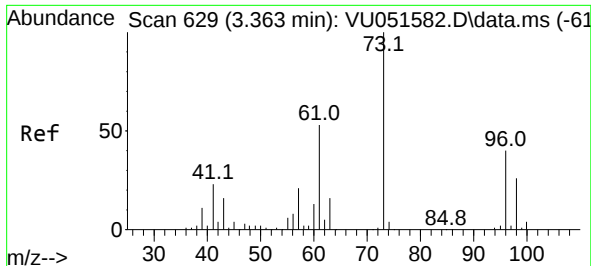
Tgt Ion: 43 Resp: 13094
Ion Ratio Lower Upper
43 100
74 33.1 20.2 30.4#



#16
Methylene chloride
Concen: 3.392 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 84 Resp: 107551
Ion Ratio Lower Upper
84 100
86 64.8 46.3 85.9
49 109.4 76.0 141.2

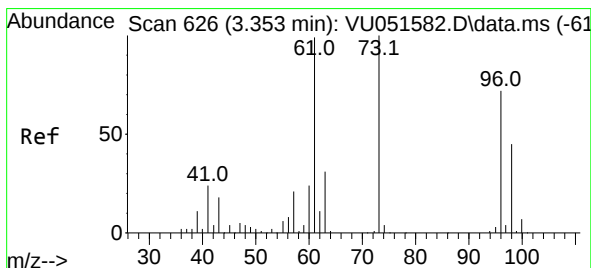
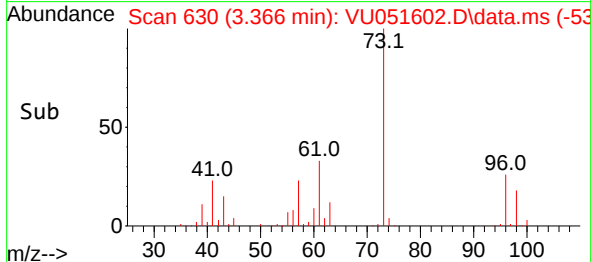
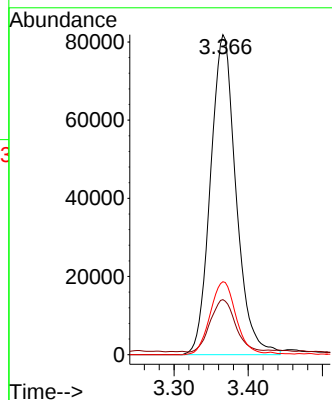
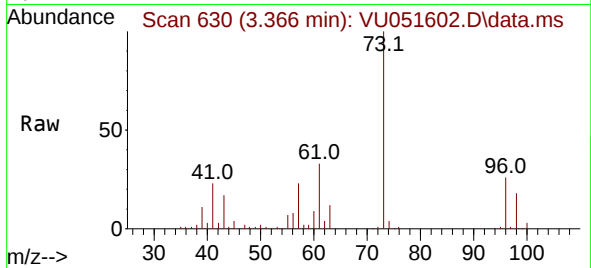




#17
Methyl tert-butyl Ether
Concen: 4.406 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

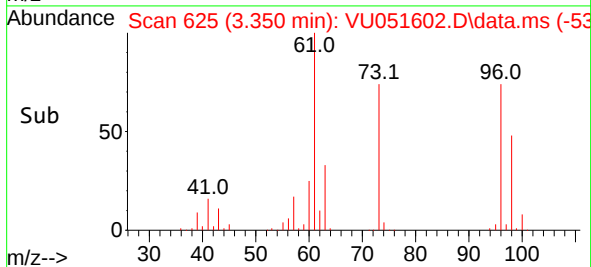
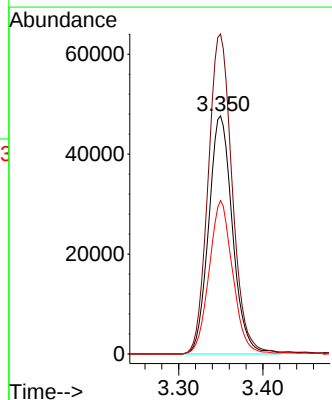
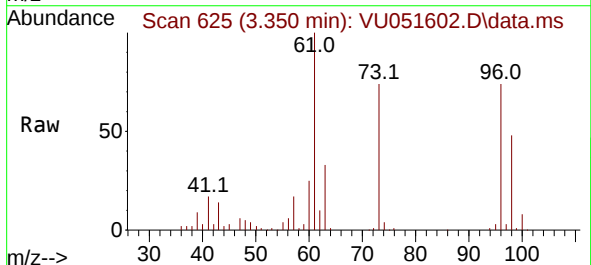
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

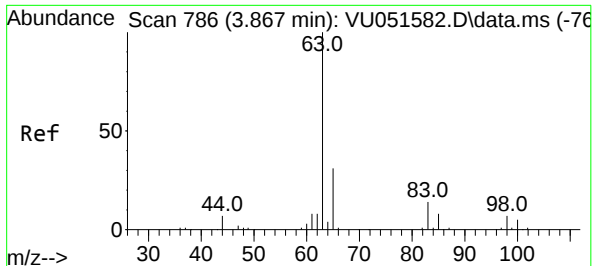
Tgt Ion: 73 Resp: 195609
Ion Ratio Lower Upper
73 100
43 16.2 13.6 20.4
57 23.1 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 4.512 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 96 Resp: 93749
Ion Ratio Lower Upper
96 100
61 134.4 94.7 175.9
98 64.4 44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.618 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MSD

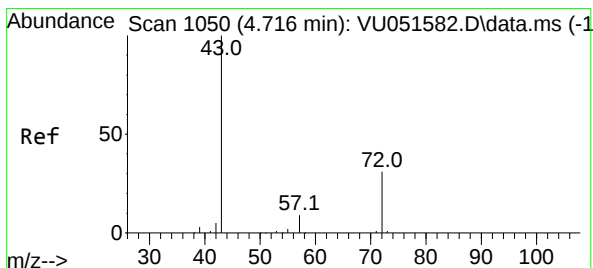
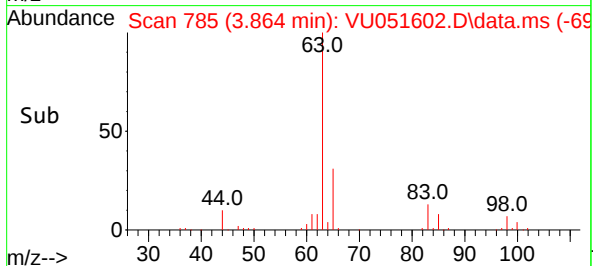
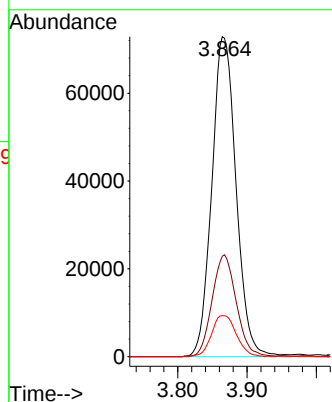
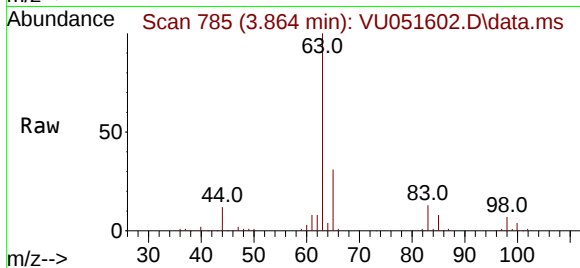
Tgt Ion: 63 Resp: 176977

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.1

83 12.8 9.2 17.0



#21

2-Butanone

Concen: 35.849 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.013 min

Lab File: VU051602.D

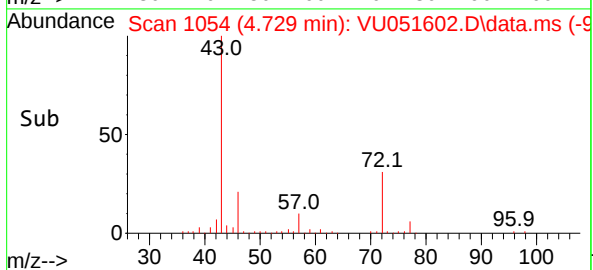
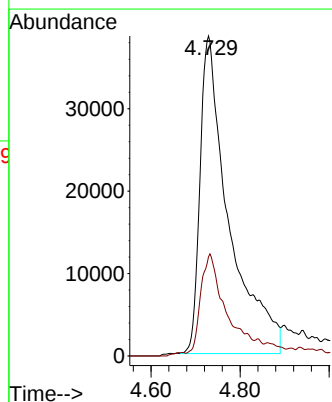
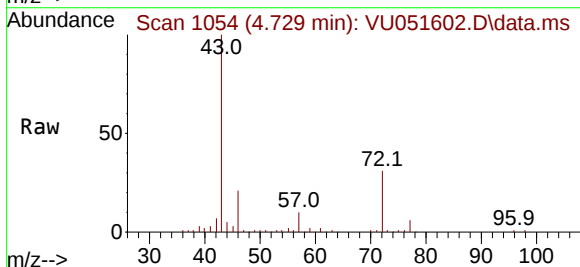
Acq: 29 Oct 2022 06:05

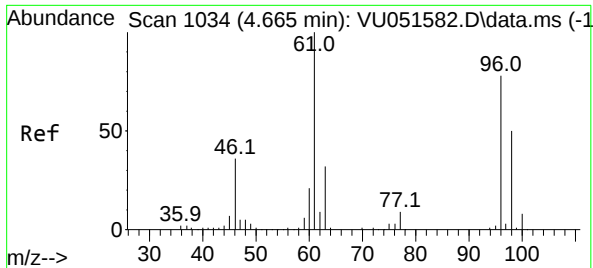
Tgt Ion: 43 Resp: 173023

Ion Ratio Lower Upper

43 100

72 26.4 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 4.308 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MSD

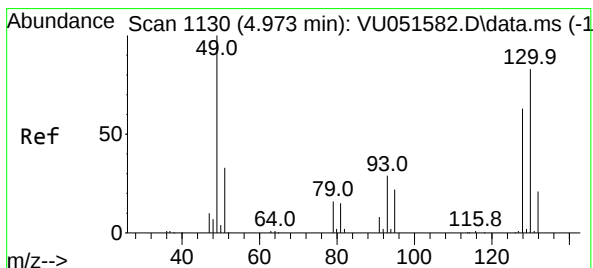
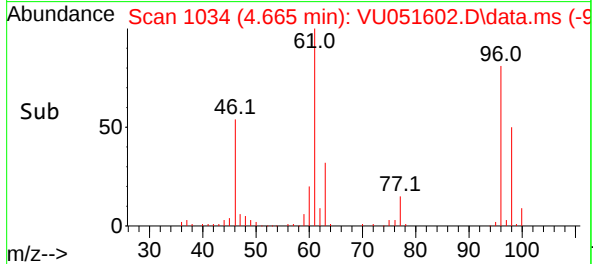
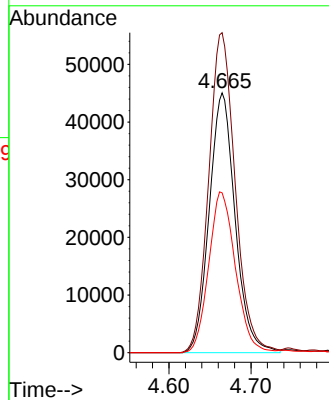
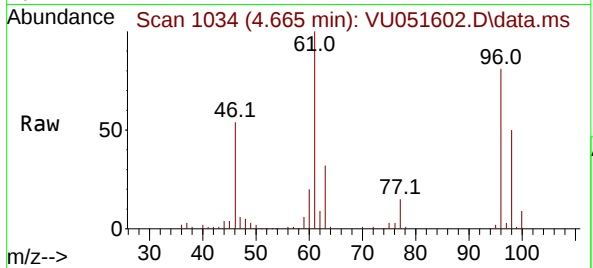
Tgt Ion: 96 Resp: 99039

Ion Ratio Lower Upper

96 100

61 123.2 86.4 160.4

98 61.5 44.2 82.2



#23

Bromochloromethane

Concen: 4.437 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Tgt Ion: 128 Resp: 47692

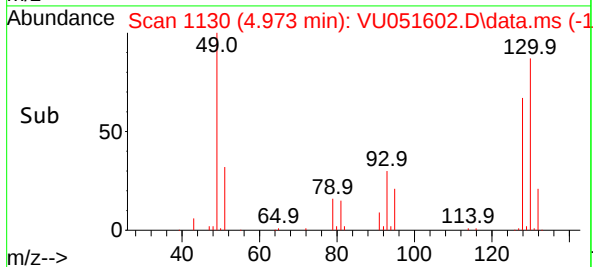
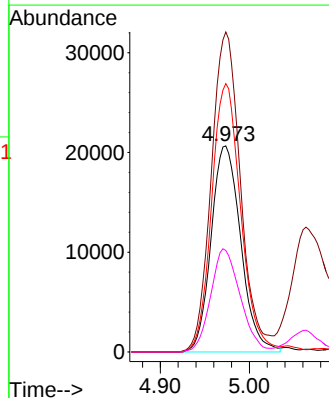
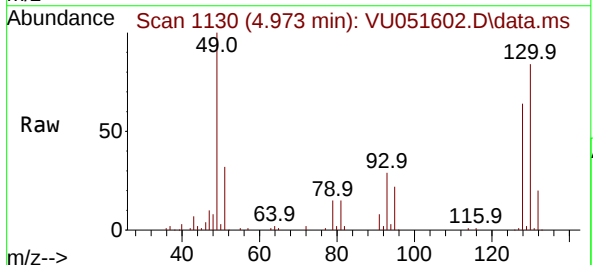
Ion Ratio Lower Upper

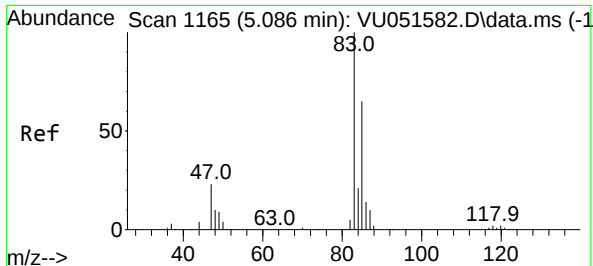
128 100

49 155.3 105.5 195.9

130 130.2 93.5 173.7

51 49.2 40.1 60.1





#25

Chloroform

Concen: 4.603 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

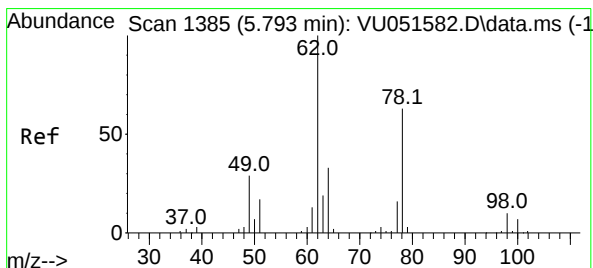
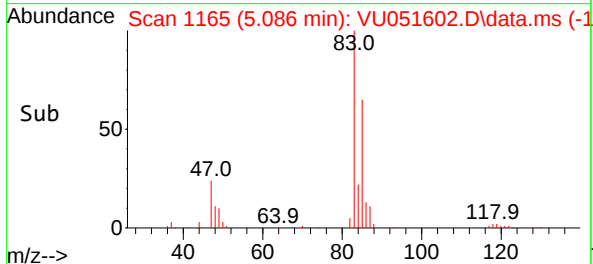
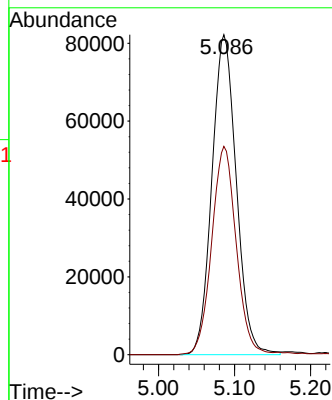
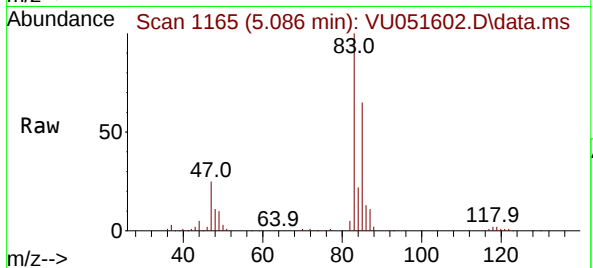
EW4W5MSD

Tgt Ion: 83 Resp: 183018

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.483 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051602.D

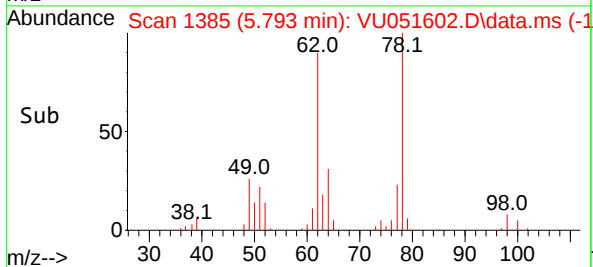
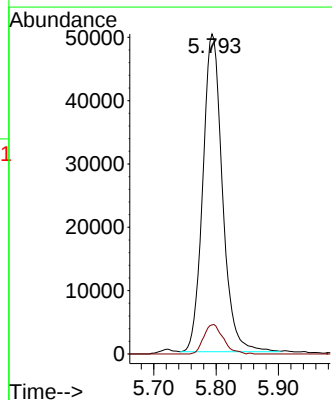
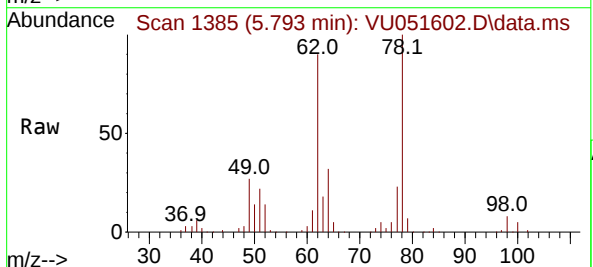
Acq: 29 Oct 2022 06:05

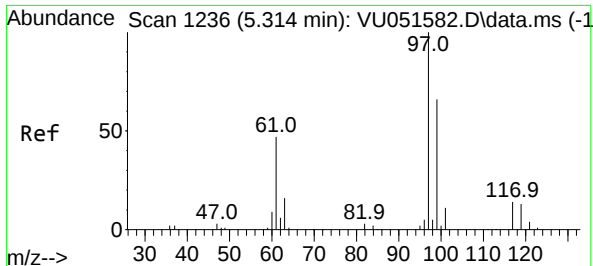
Tgt Ion: 62 Resp: 109684

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.550 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MSD

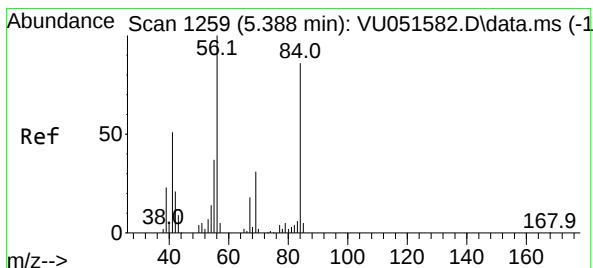
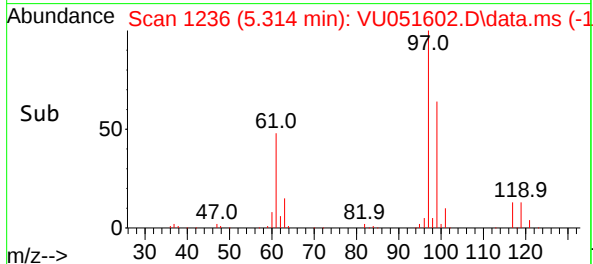
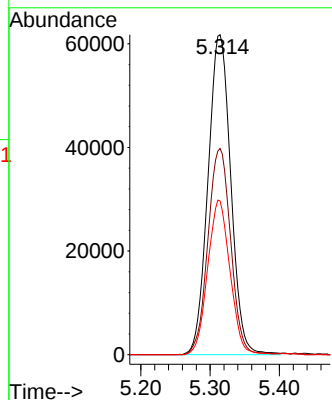
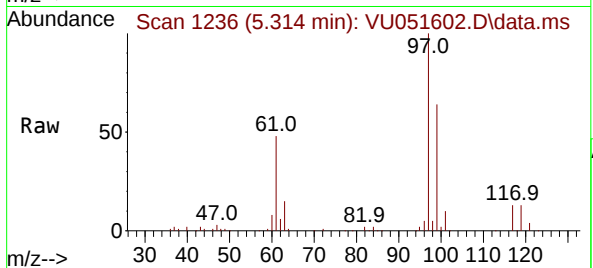
Tgt Ion: 97 Resp: 141218

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 47.3 37.4 56.0



#30

Cyclohexane

Concen: 4.407 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

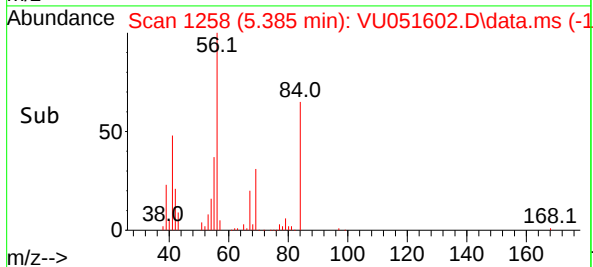
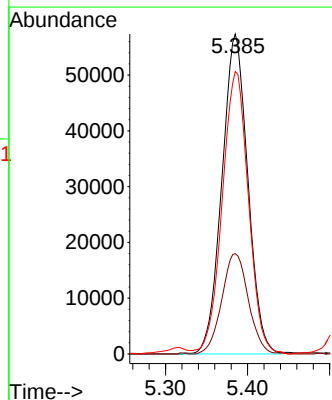
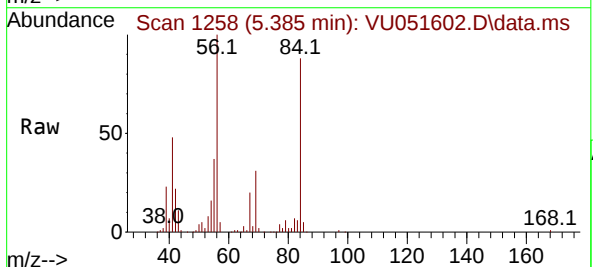
Tgt Ion: 56 Resp: 125931

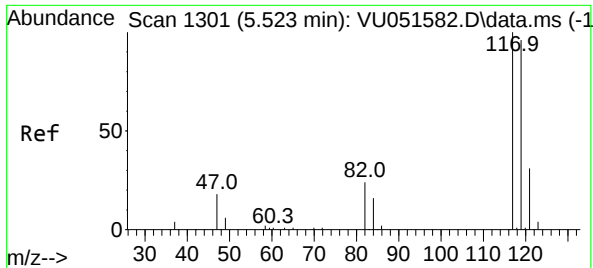
Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.0

84 89.3 71.4 107.0

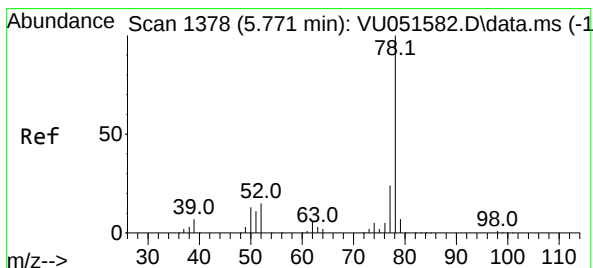
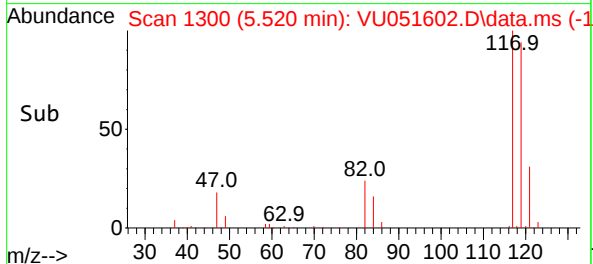
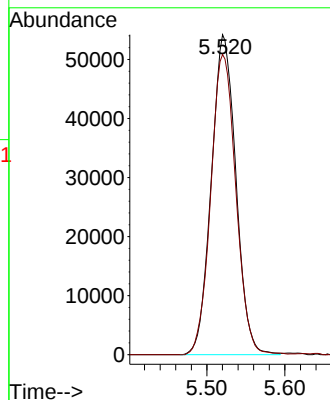
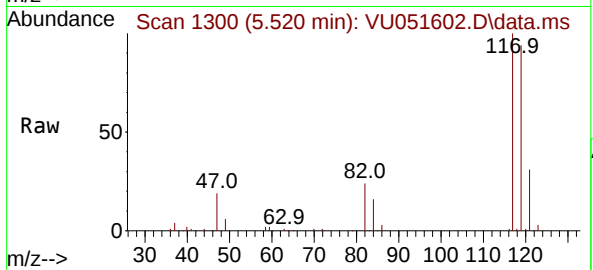




#31
Carbon tetrachloride
Concen: 4.472 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

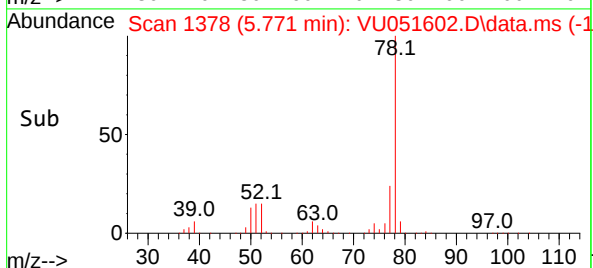
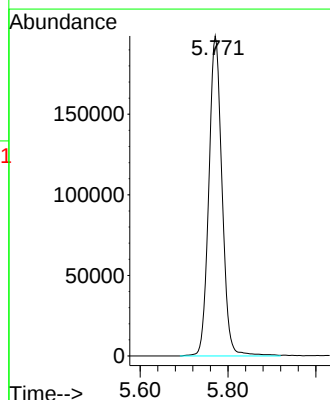
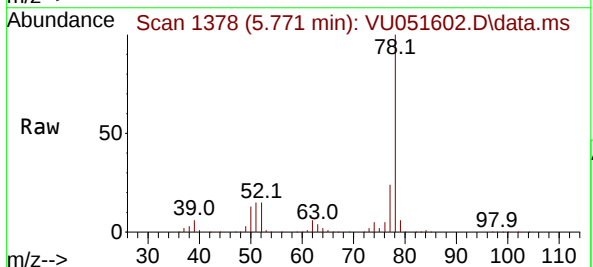
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

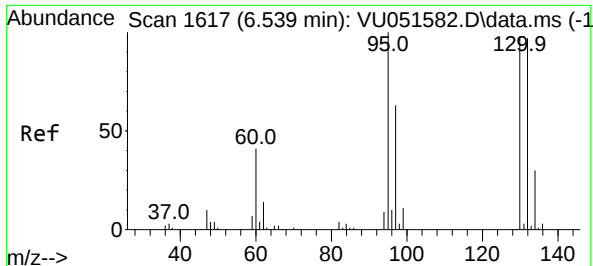
Tgt Ion:117 Resp: 118707
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3



#33
Benzene
Concen: 4.595 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 78 Resp: 414510

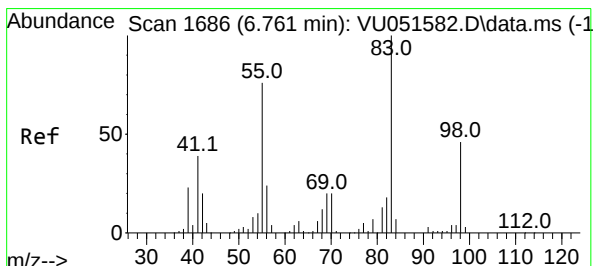
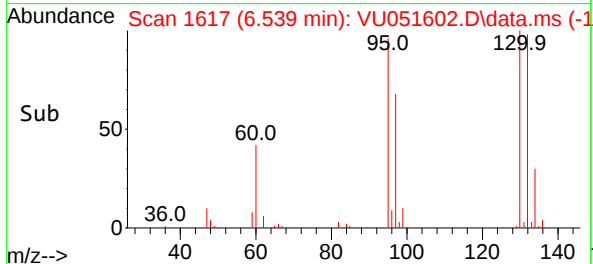
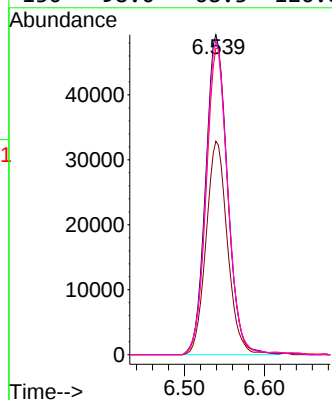
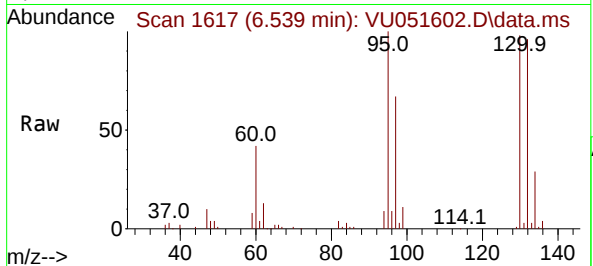




#34
Trichloroethene
Concen: 4.294 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

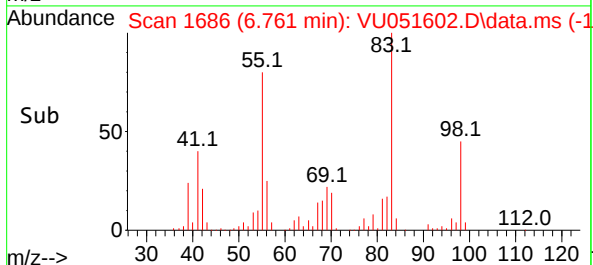
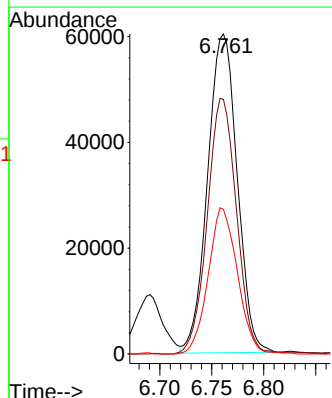
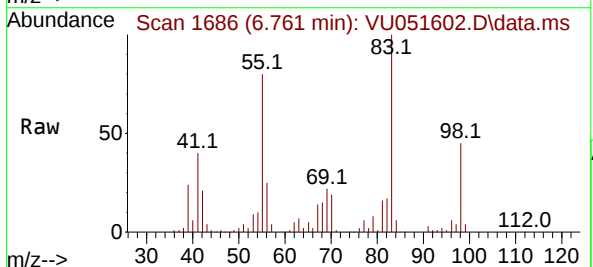
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

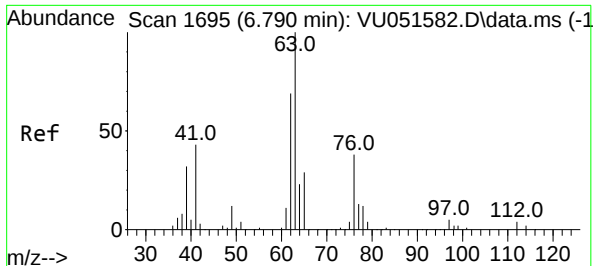
Tgt Ion: 95 Resp: 93476
Ion Ratio Lower Upper
95 100
97 66.7 45.2 84.0
132 95.7 66.5 123.5
130 98.0 68.3 126.8



#35
Methylcyclohexane
Concen: 3.977 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 83 Resp: 119687
Ion Ratio Lower Upper
83 100
55 79.1 60.6 90.8
98 45.2 35.8 53.6





#37

1,2-Dichloropropane

Concen: 4.551 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

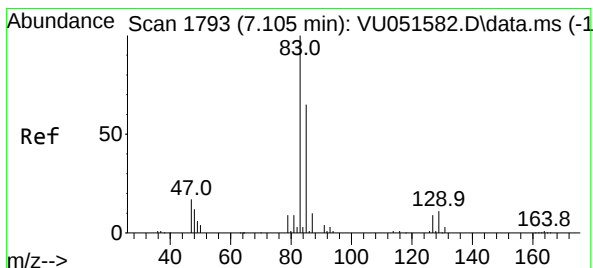
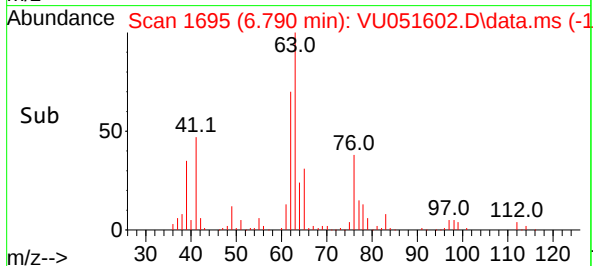
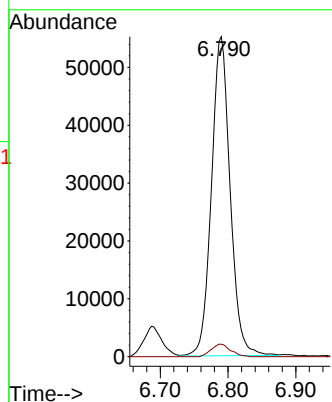
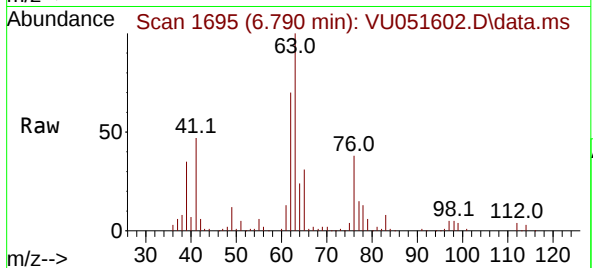
EW4W5MSD

Tgt Ion: 63 Resp: 105598

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 4.577 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

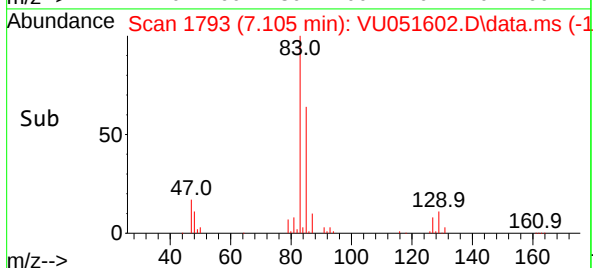
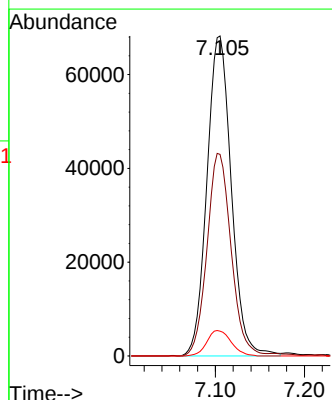
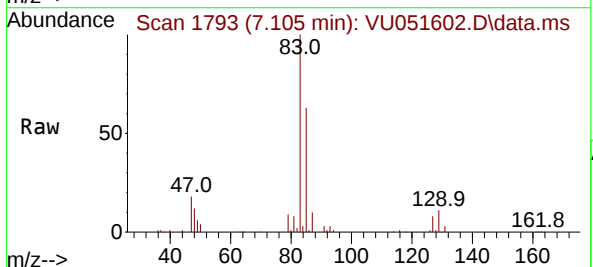
Tgt Ion: 83 Resp: 129704

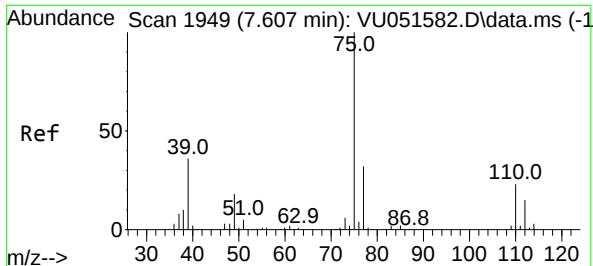
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.7

127 7.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 3.580 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

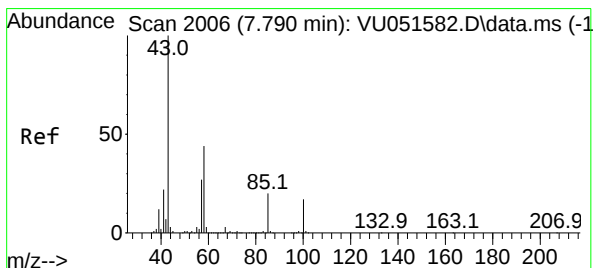
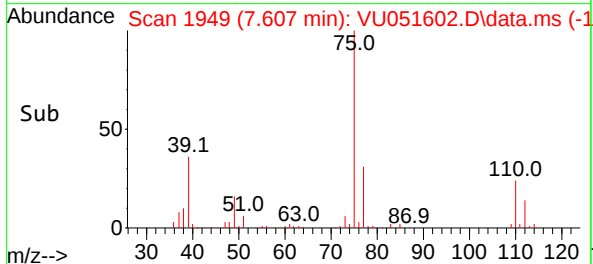
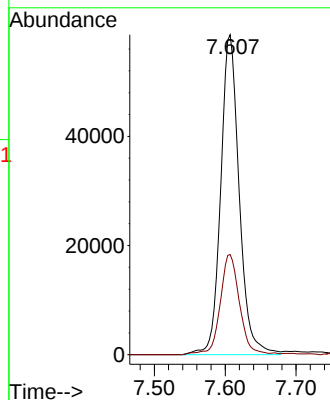
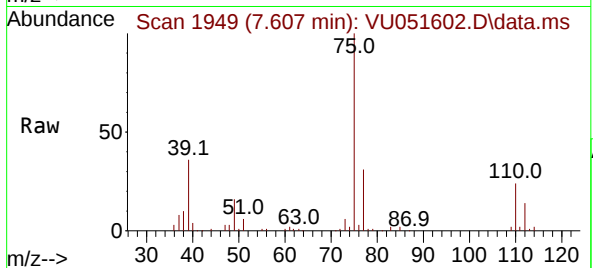
EW4W5MSD

Tgt Ion: 75 Resp: 106549

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 45.413 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

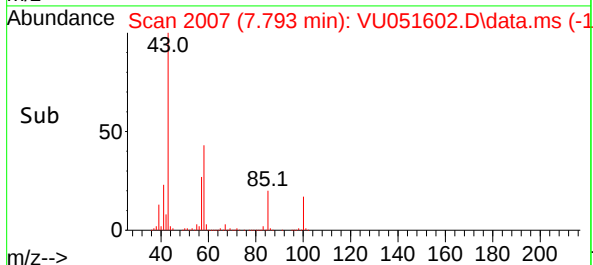
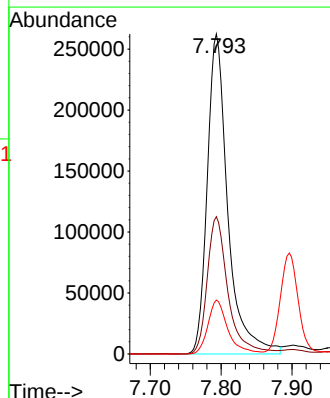
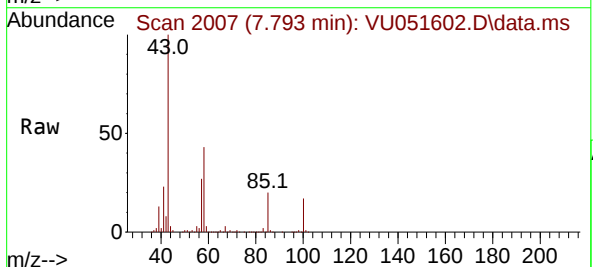
Tgt Ion: 43 Resp: 528450

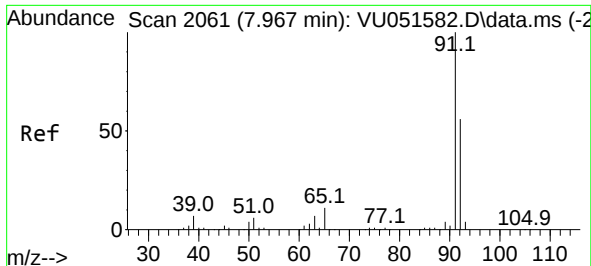
Ion Ratio Lower Upper

43 100

58 43.4 35.0 52.6

100 16.4 13.4 20.0





#42

Toluene

Concen: 4.756 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

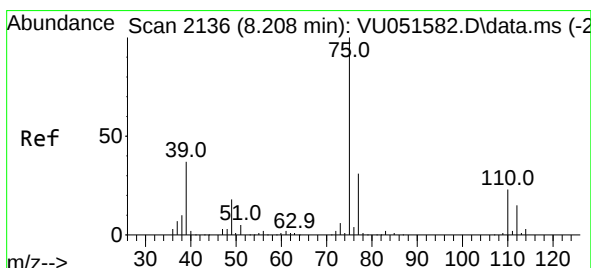
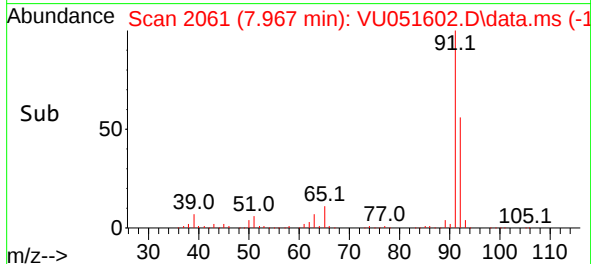
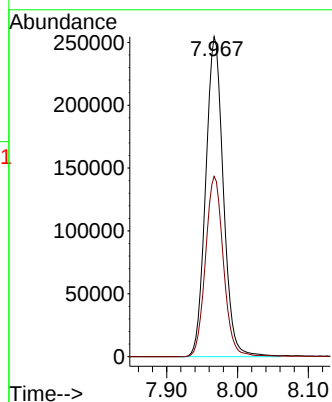
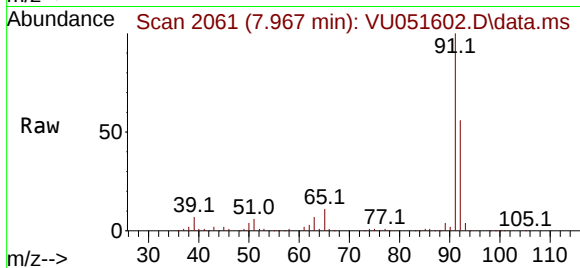
EW4W5MSD

Tgt Ion: 91 Resp: 440591

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 3.628 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051602.D

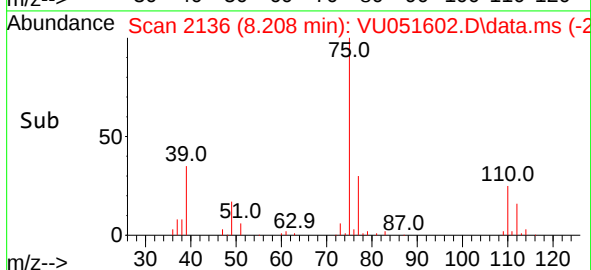
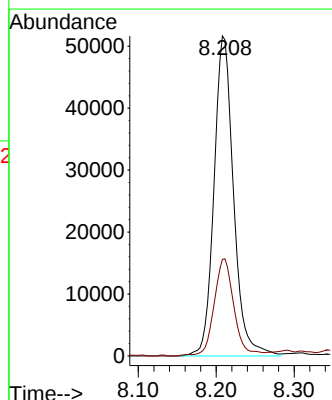
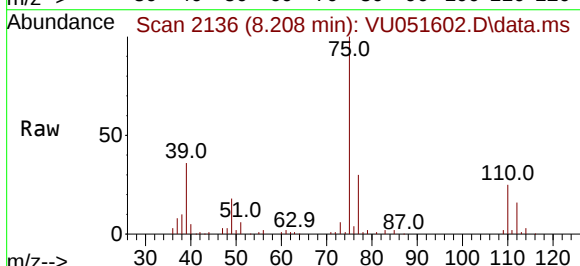
Acq: 29 Oct 2022 06:05

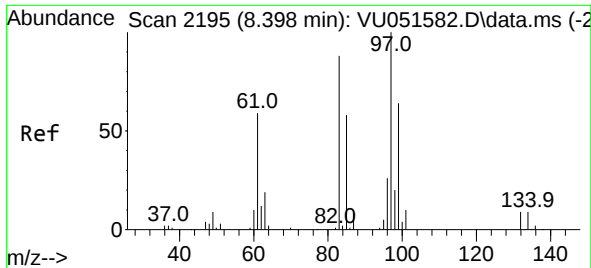
Tgt Ion: 75 Resp: 90254

Ion Ratio Lower Upper

75 100

77 30.2 21.8 40.6

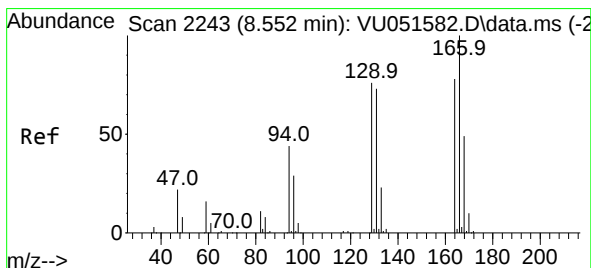
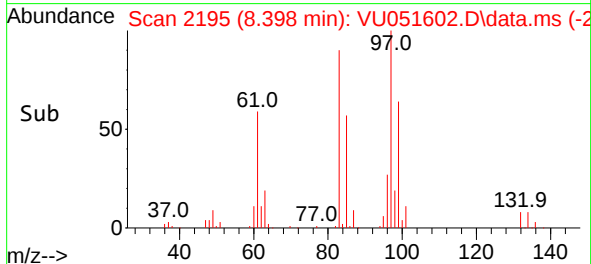
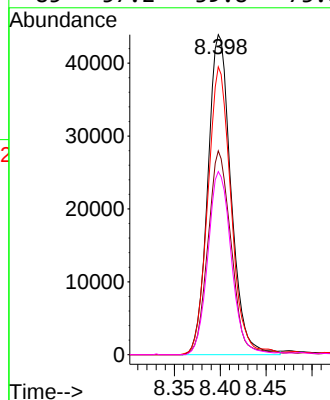
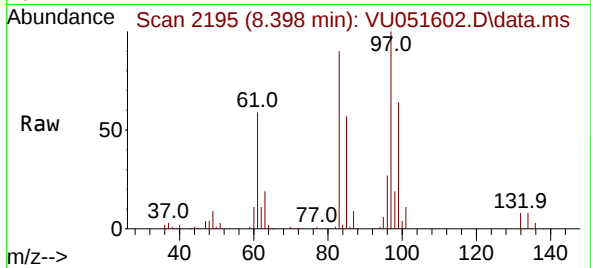




#45
1,1,2-Trichloroethane
Concen: 4.552 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

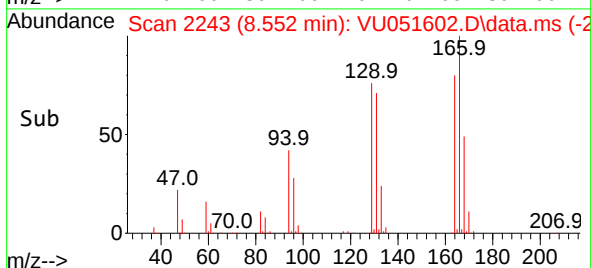
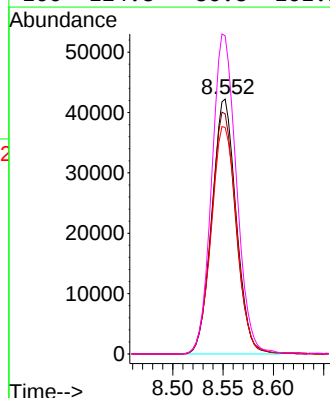
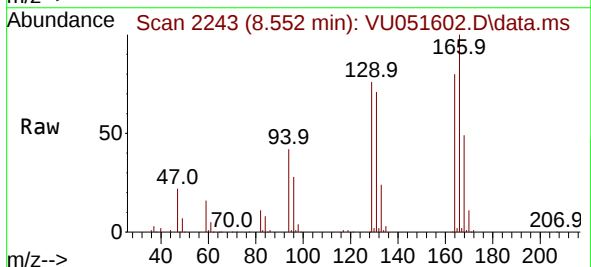
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

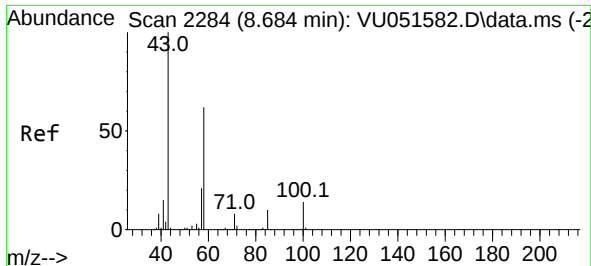
Tgt Ion: 97	Resp: 77391
Ion Ratio	Lower Upper
97 100	
99 63.7	43.4 80.6
83 89.9	61.3 113.9
85 57.2	39.8 73.8



#47
Tetrachloroethene
Concen: 4.248 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt	Ion:164	Resp:	70823
Ion	Ratio	Lower	Upper
164	100		
129	94.3	64.0	118.8
131	88.9	60.7	112.7
166	124.8	86.8	161.2

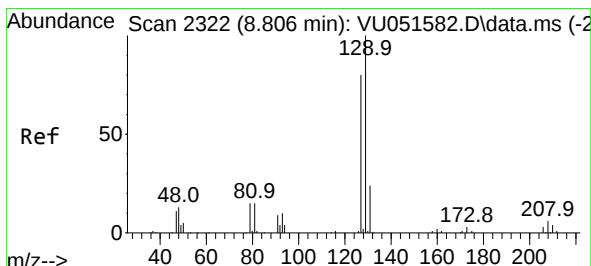
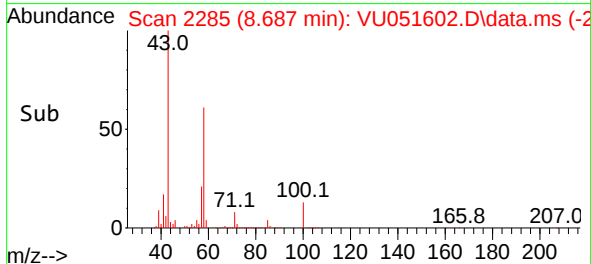
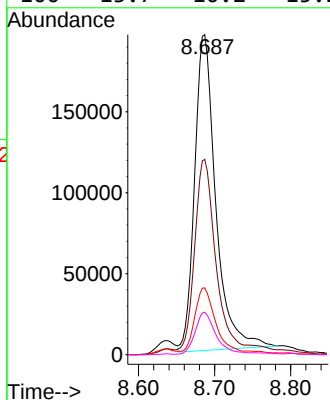
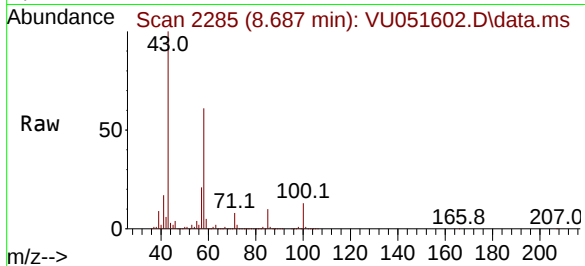




#48
2-Hexanone
Concen: 43.901 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

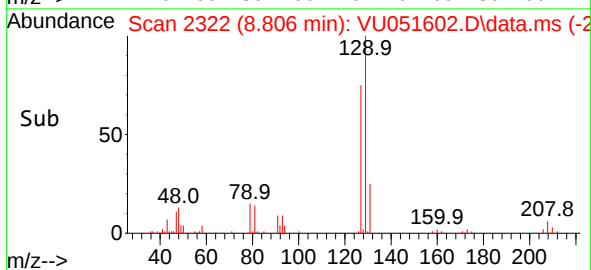
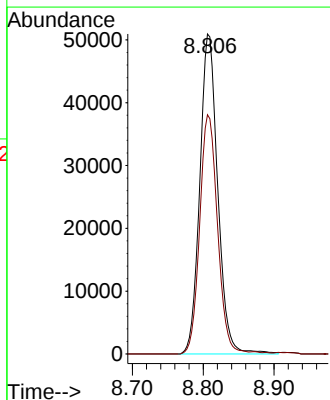
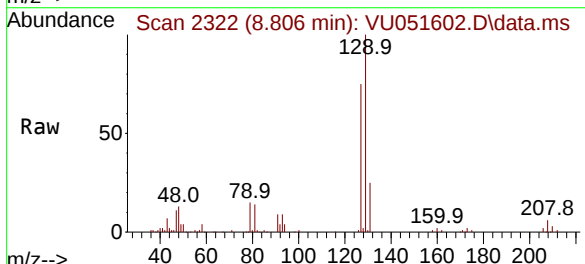
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

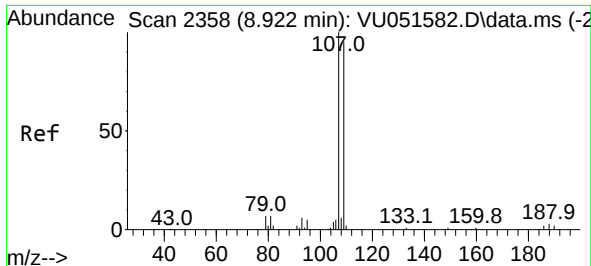
Tgt Ion: 43 Resp: 378136
Ion Ratio Lower Upper
43 100
58 66.4 48.2 72.2
57 21.1 16.6 25.0
100 13.7 10.2 15.2



#49
Dibromochloromethane
Concen: 4.621 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 129 Resp: 89755
Ion Ratio Lower Upper
129 100
127 74.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 4.592 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MSD

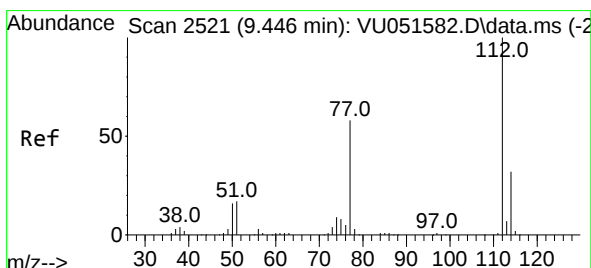
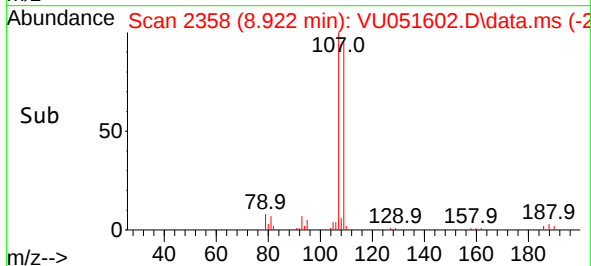
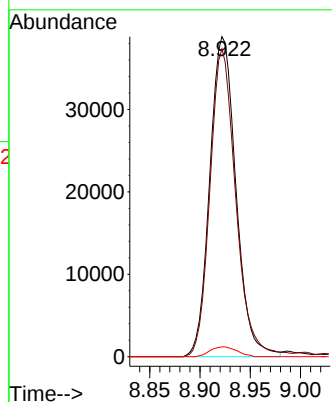
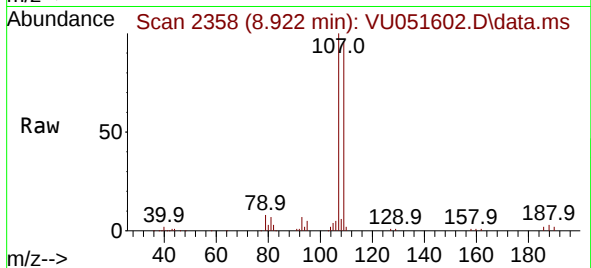
Tgt Ion:107 Resp: 70428

Ion Ratio Lower Upper

107 100

109 96.2 63.0 117.0

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 4.449 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.003 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

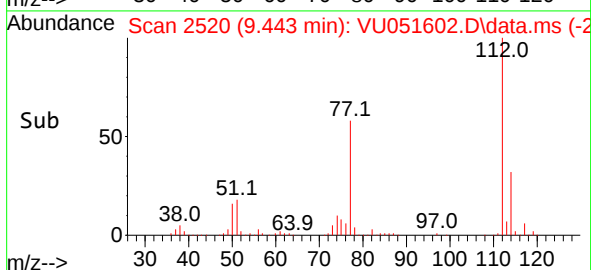
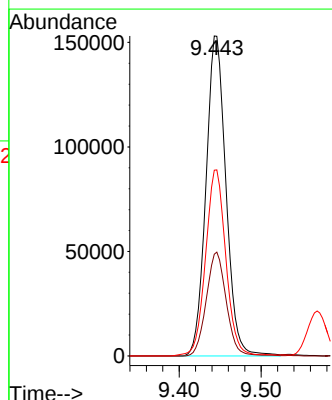
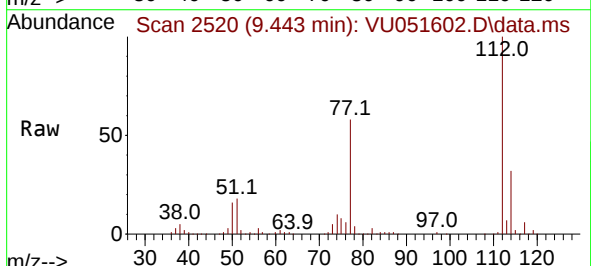
Tgt Ion:112 Resp: 259392

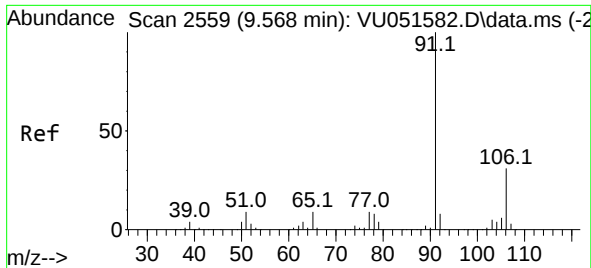
Ion Ratio Lower Upper

112 100

114 31.8 22.0 40.8

77 58.0 46.7 70.1

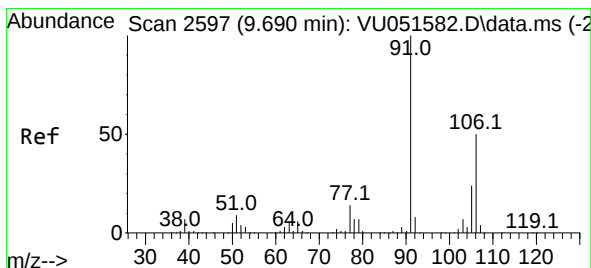
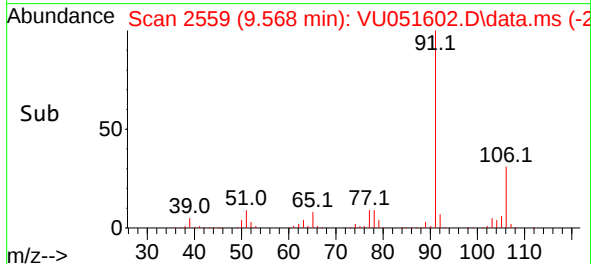
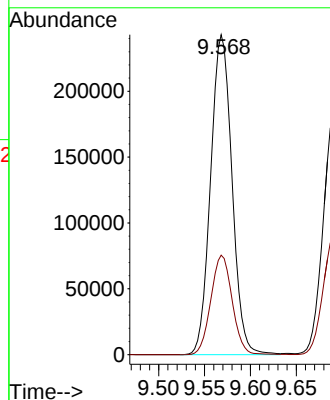
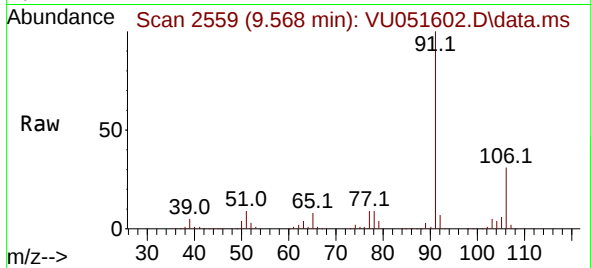




#52
Ethylbenzene
Concen: 4.404 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

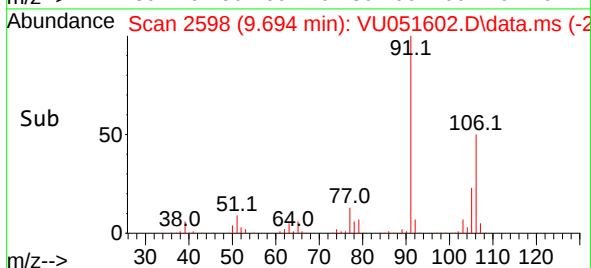
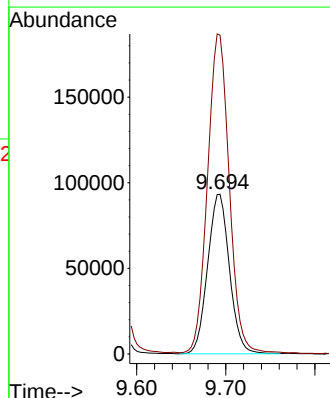
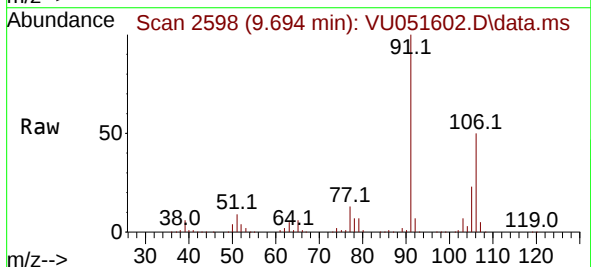
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

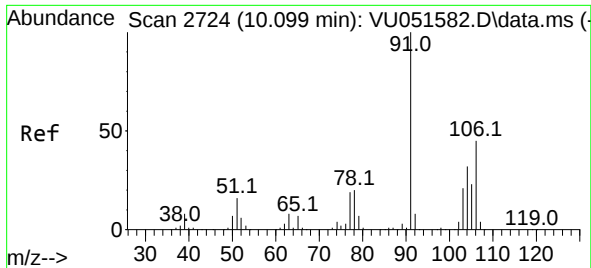
Tgt Ion: 91 Resp: 393608
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 4.558 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 106 Resp: 158228
Ion Ratio Lower Upper
106 100
91 199.8 139.4 259.0

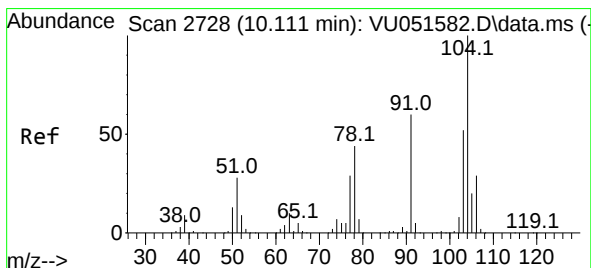
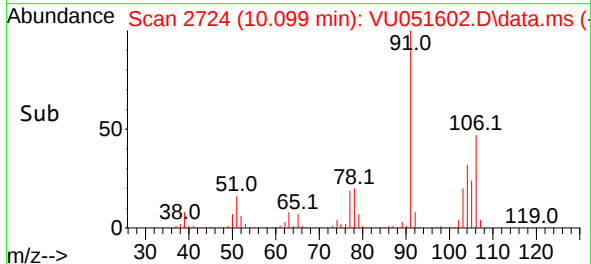
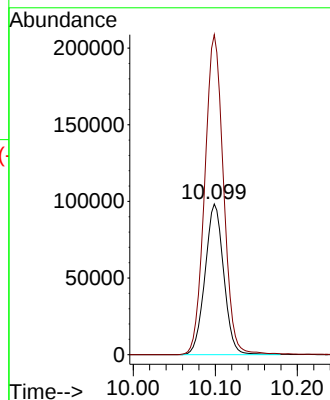
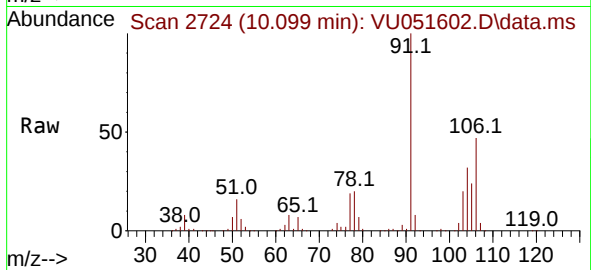




#54
o-Xylene
Concen: 4.588 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

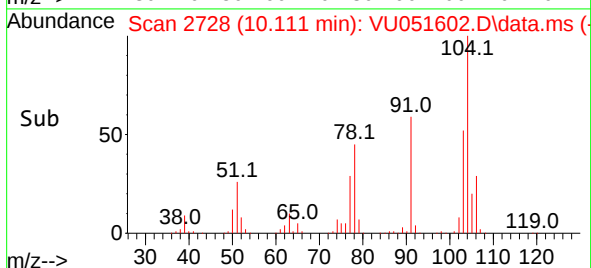
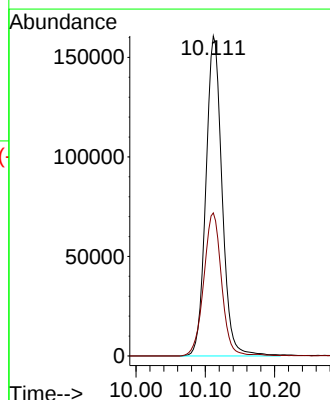
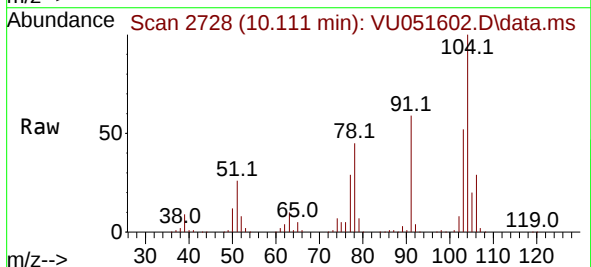
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

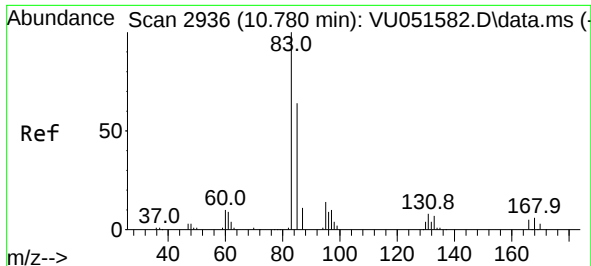
Tgt Ion:106 Resp: 155676
Ion Ratio Lower Upper
106 100
91 212.2 149.2 277.2



#55
Styrene
Concen: 4.592 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion:104 Resp: 260468
Ion Ratio Lower Upper
104 100
78 44.7 31.8 59.0

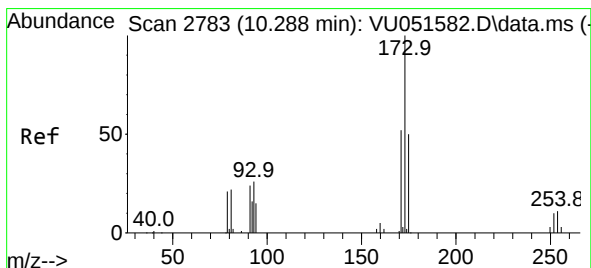
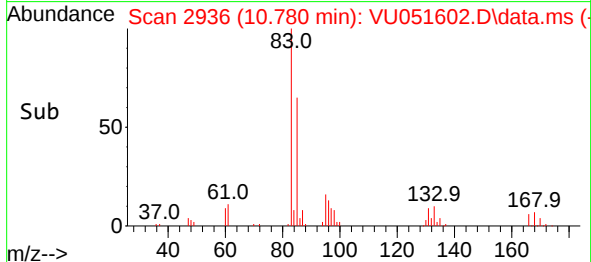
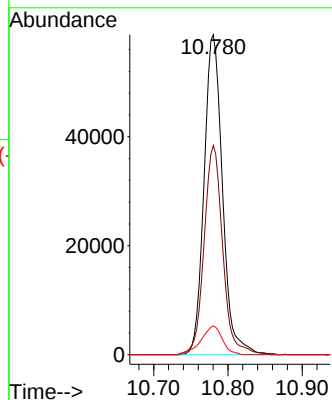
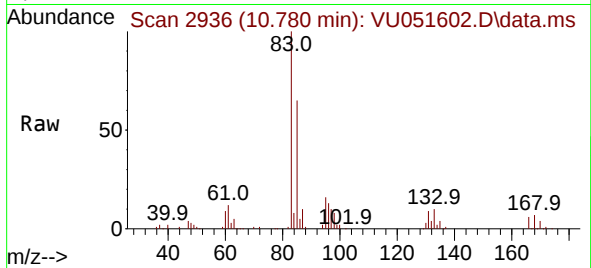




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.798 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU051602.D
 Acq: 29 Oct 2022 06:05

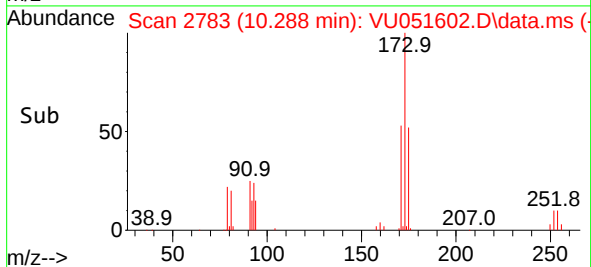
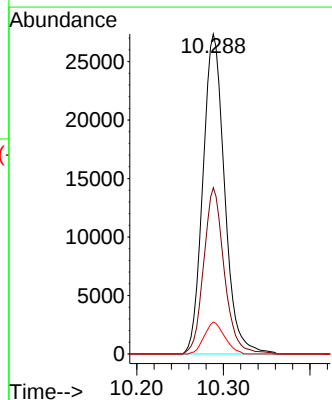
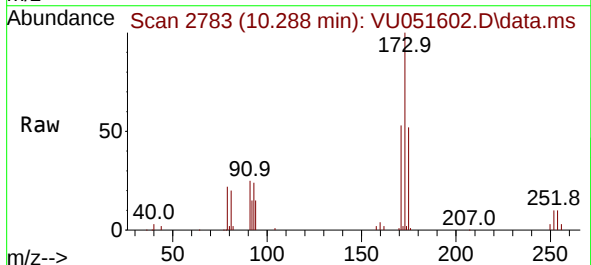
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W5MSD

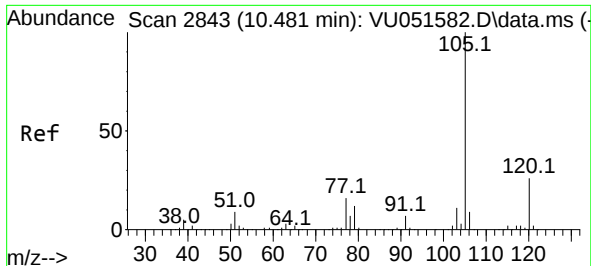
Tgt Ion: 83 Resp: 101143
 Ion Ratio Lower Upper
 83 100
 85 65.3 44.9 83.5
 131 8.9 7.8 11.8



#59
 Bromoform
 Concen: 4.499 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU051602.D
 Acq: 29 Oct 2022 06:05

Tgt Ion: 173 Resp: 47498
 Ion Ratio Lower Upper
 173 100
 175 49.4 38.7 58.1
 254 9.4 7.3 10.9

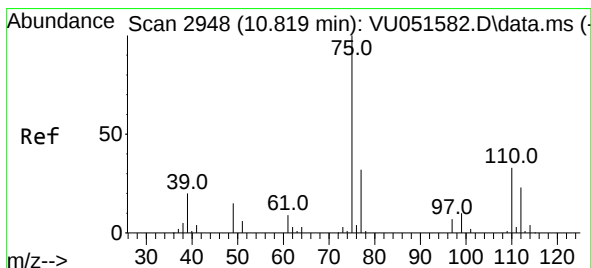
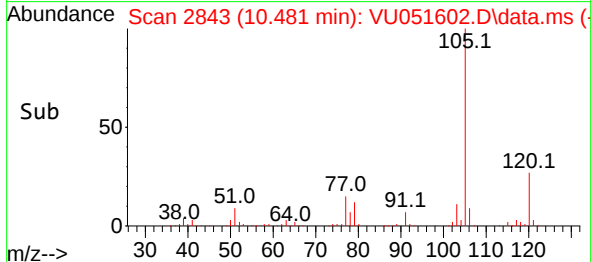
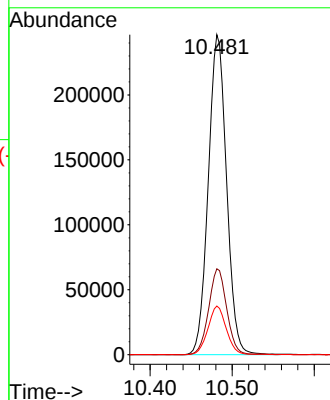
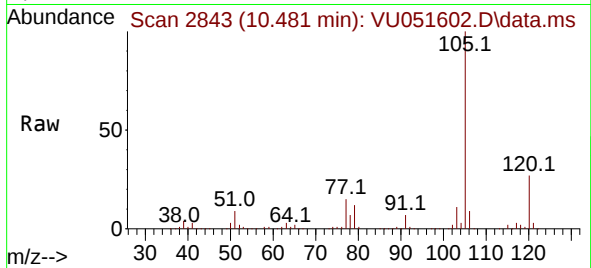




#60
Isopropylbenzene
Concen: 4.584 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

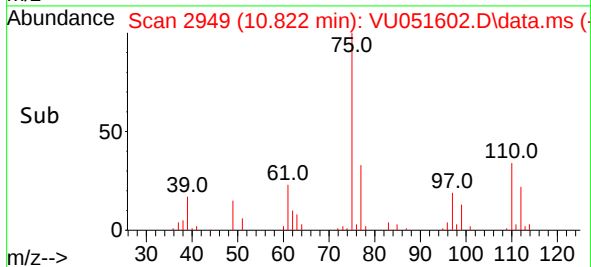
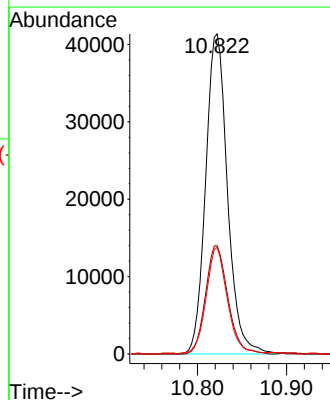
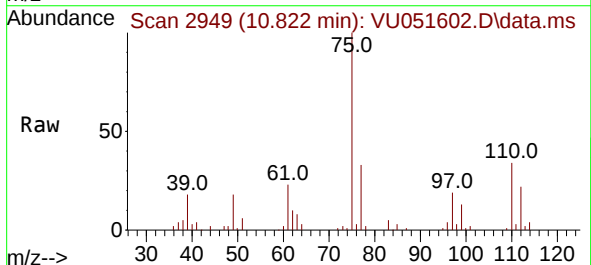
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

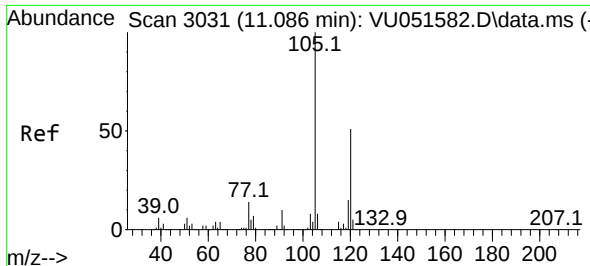
Tgt Ion:105 Resp: 382310
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.758 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion: 75 Resp: 70300
Ion Ratio Lower Upper
75 100
110 34.5 28.7 43.1
77 32.5 26.1 39.1

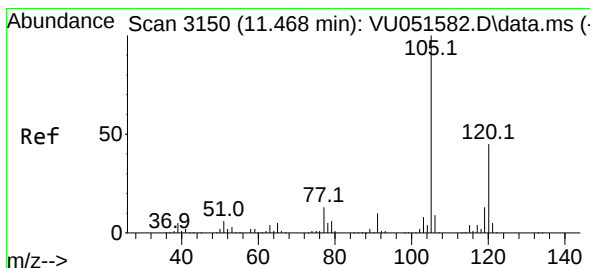
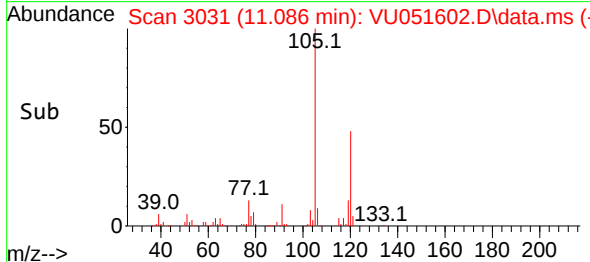
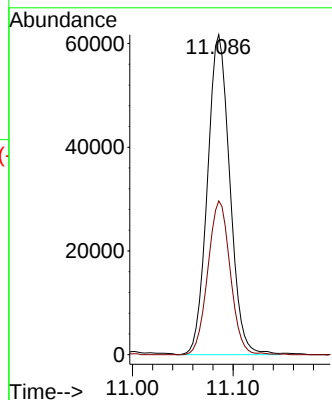
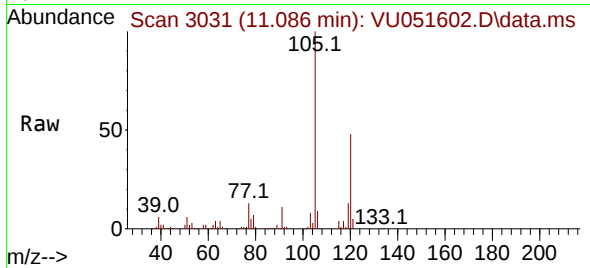




#62
1,3,5-Trimethylbenzene
Concen: 4.257 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

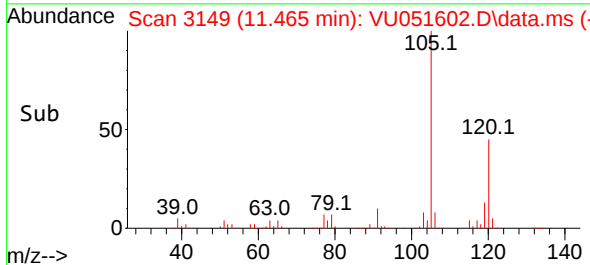
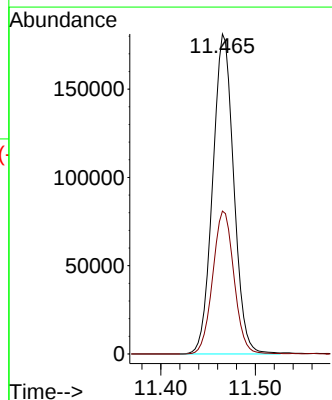
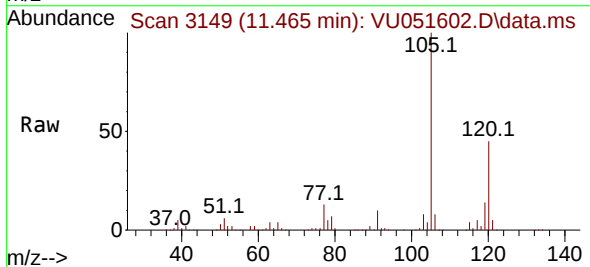
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

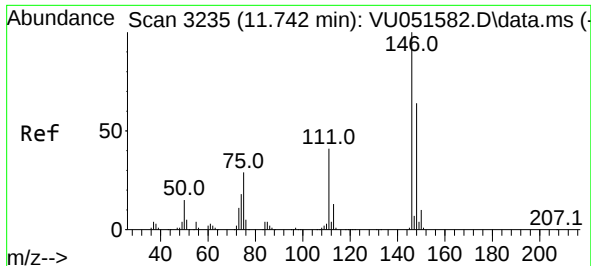
Tgt Ion:105 Resp: 95581
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.329 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion:105 Resp: 280271
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.6

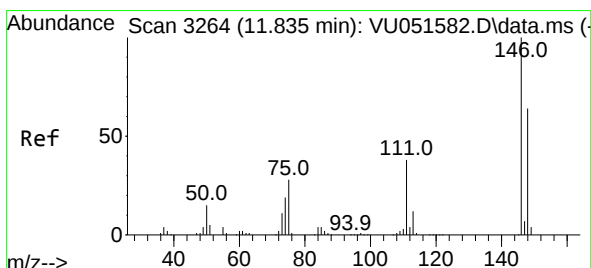
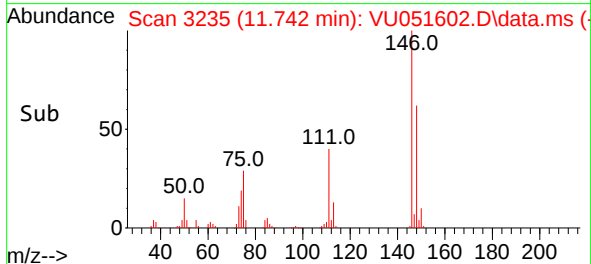
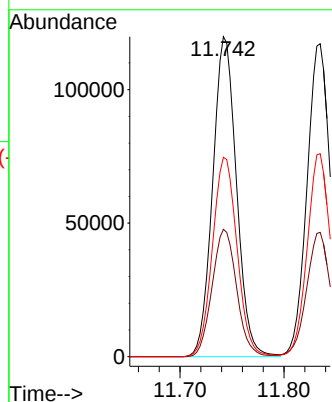
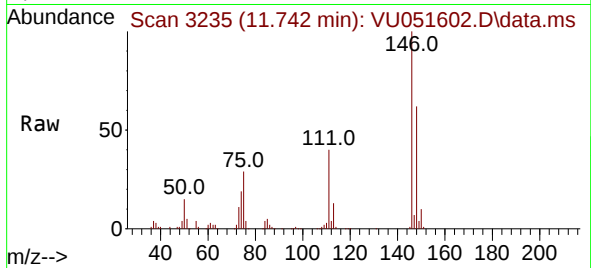




#64
1,3-Dichlorobenzene
Concen: 4.594 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

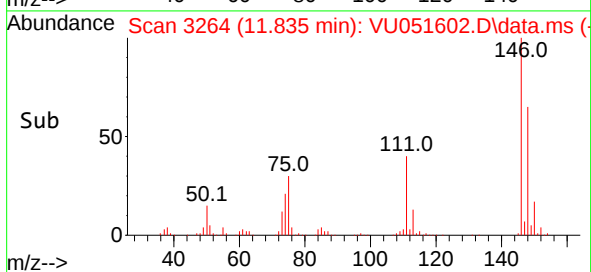
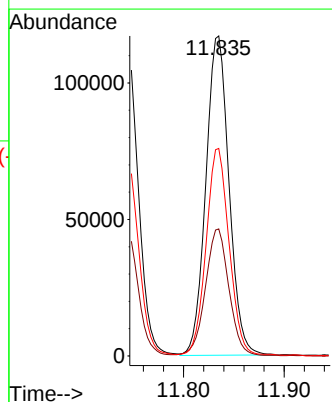
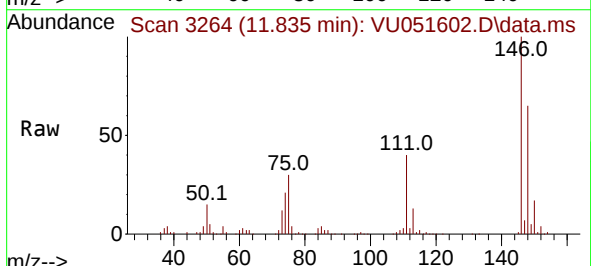
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

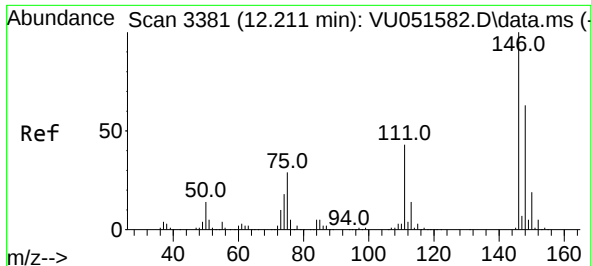
Tgt Ion:146 Resp: 190778
Ion Ratio Lower Upper
146 100
111 39.8 28.6 53.2
148 62.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.496 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion:146 Resp: 187185
Ion Ratio Lower Upper
146 100
111 39.7 26.7 49.5
148 64.9 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.739 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MSD

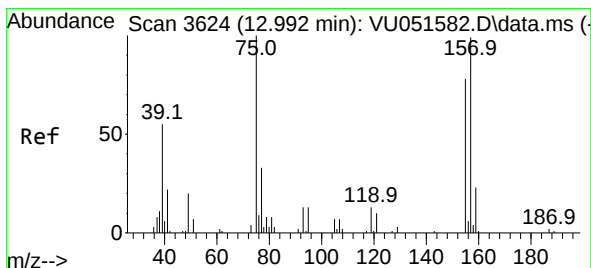
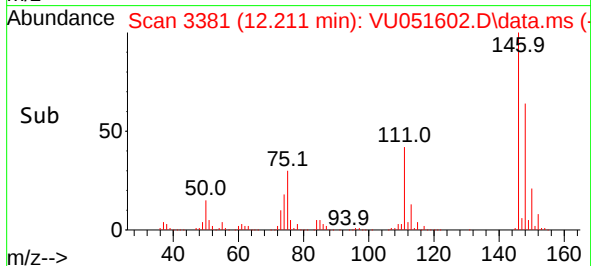
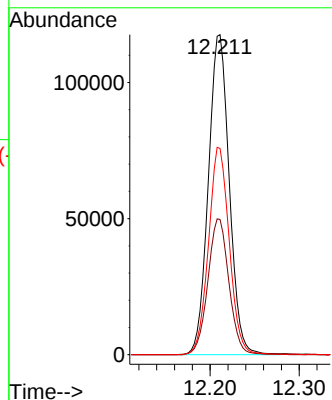
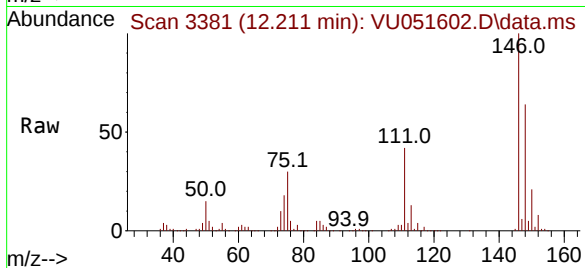
Tgt Ion:146 Resp: 191670

Ion Ratio Lower Upper

146 100

111 42.3 34.2 51.2

148 64.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.509 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

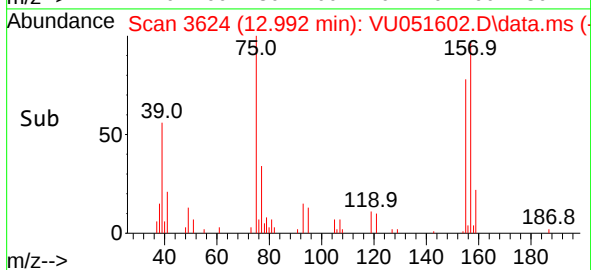
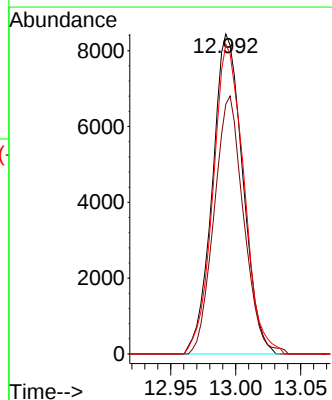
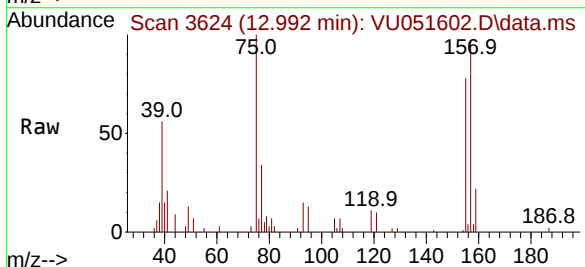
Tgt Ion: 75 Resp: 13717

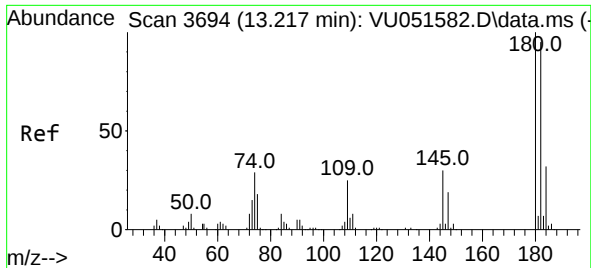
Ion Ratio Lower Upper

75 100

155 78.1 61.4 92.2

157 96.8 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 4.240 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MSD

Tgt Ion:180 Resp: 125505

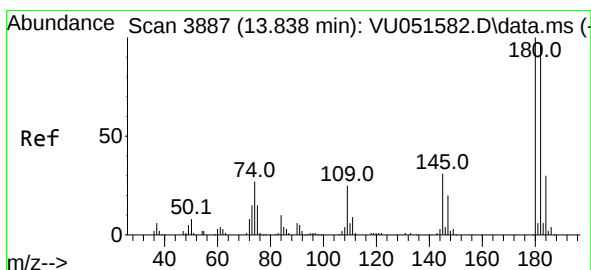
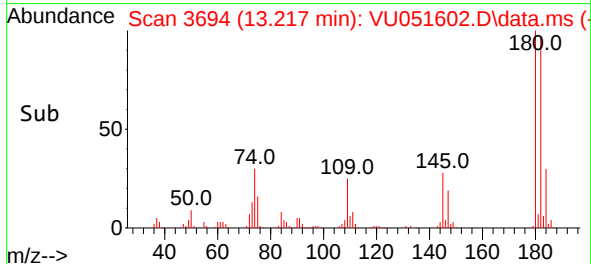
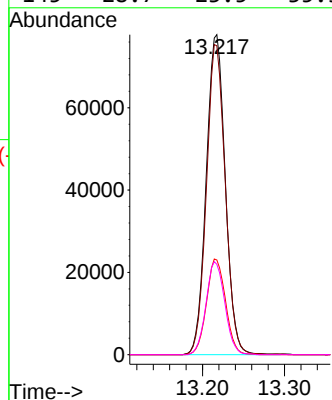
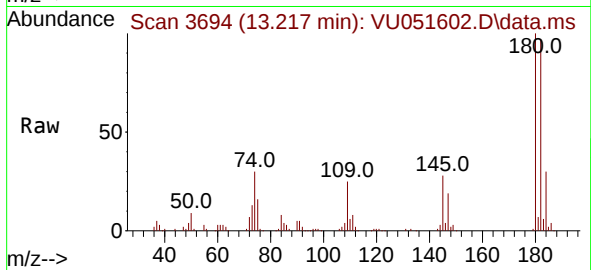
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

184 29.9 23.7 35.5

145 28.7 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.263 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051602.D

Acq: 29 Oct 2022 06:05

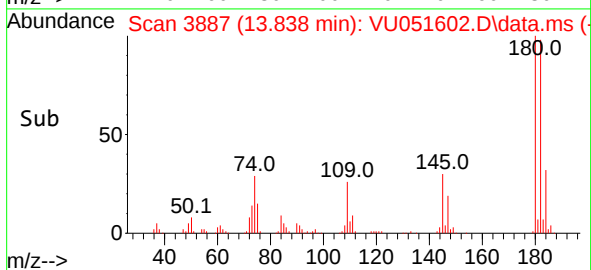
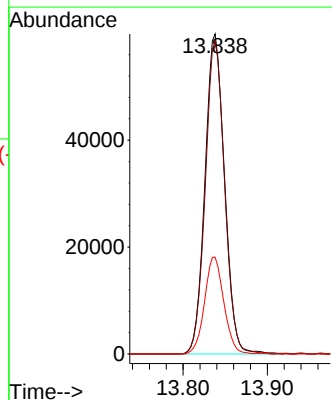
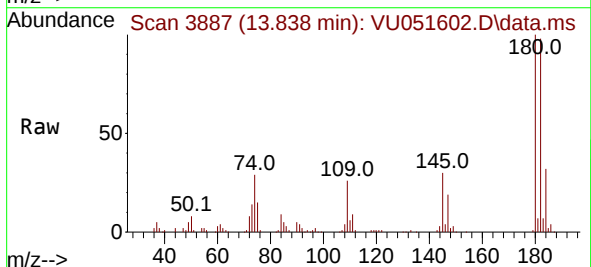
Tgt Ion:180 Resp: 96867

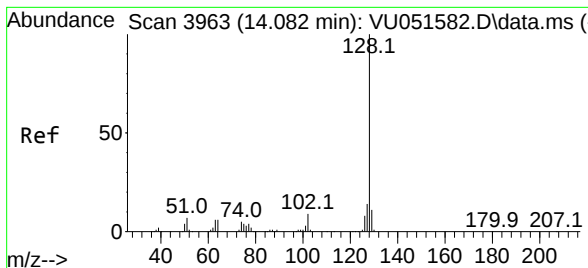
Ion Ratio Lower Upper

180 100

182 96.6 77.8 116.6

145 29.8 25.0 37.6

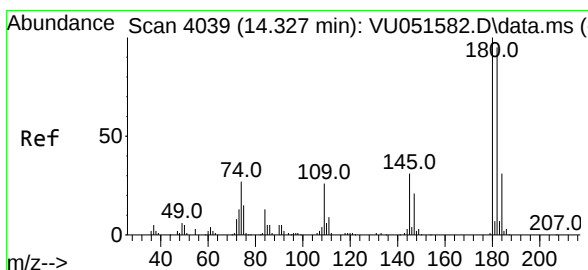
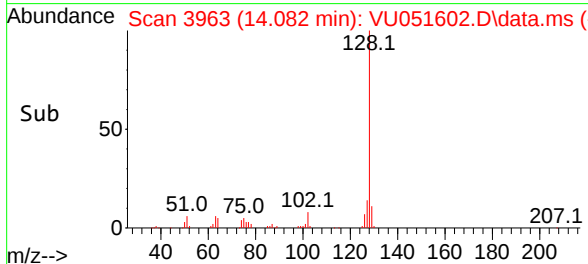
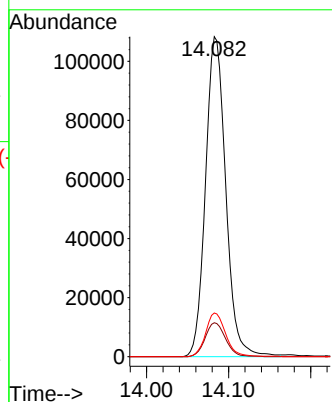
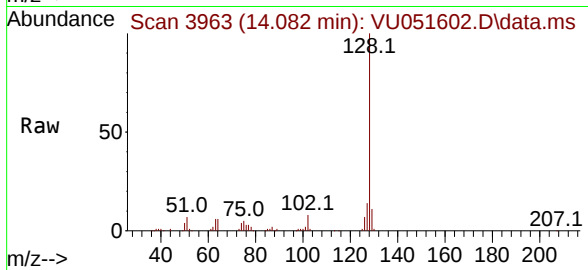




#71
Naphthalene
Concen: 4.382 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Instrument :
MSVOA_U
ClientSampleId :
EW4W5MSD

Tgt Ion:128 Resp: 185873
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.522 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051602.D
Acq: 29 Oct 2022 06:05

Tgt Ion:180 Resp: 103745
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 31.5 25.6 38.4

