

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092222\
 Data File : VU050893.D
 Acq On : 22 Sep 2022 13:06
 Operator : JC/MD
 Sample : N4650-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06MSD

Quant Time: Sep 23 01:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	437566	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	428970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	210904	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161189	35.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.120%
7) Chloroethane-d5	1.903	69	139425	43.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.360%
11) 1,1-Dichloroethene-d2	2.565	63	298069	42.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.500%
21) 2-Butanone-d5	4.617	46	342650	117.073	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.070%
24) Chloroform-d	5.060	84	338026	47.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	5.700	65	210291	48.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.726	84	638159	45.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
36) 1,2-Dichloropropane-d6	6.690	67	220187	46.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.340%
41) Toluene-d8	7.896	98	567229	45.927	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
43) trans-1,3-Dichloroprop...	8.179	79	95707	46.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.260%
47) 2-Hexanone-d5	8.629	63	219601	111.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.730%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	360698	49.606	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.220%
66) 1,2-Dichlorobenzene-d4	12.192	152	206765	46.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	214292	47.296	ug/L	99
3) Chloromethane	1.520	50	239797	45.525	ug/L	98
5) Vinyl chloride	1.601	62	239181	46.383	ug/L	99
6) Bromomethane	1.842	94	146475	56.226	ug/L	99
8) Chloroethane	1.925	64	142735	49.993	ug/L	98
9) Trichlorofluoromethane	2.134	101	278344	49.763	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	178731	49.923	ug/L	99
12) 1,1-Dichloroethene	2.578	96	174732	51.942	ug/L	84
13) Acetone	2.620	43	219098	88.409	ug/L	99
14) Carbon disulfide	2.790	76	498053	46.821	ug/L	99
15) Methyl Acetate	2.945	43	238285	50.950	ug/L	99
16) Methylene chloride	3.041	84	203214	43.506	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	171913	49.861	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	537214	51.110	ug/L	99
19) 1,1-Dichloroethane	3.867	63	384572	55.201	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	203006	53.103	ug/L	100
22) 2-Butanone	4.697	43	351492	107.600	ug/L	98
23) Bromochloromethane	4.973	128	98427	49.125	ug/L	96
25) Chloroform	5.086	83	345453	49.755	ug/L	98

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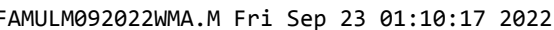
Instrument :
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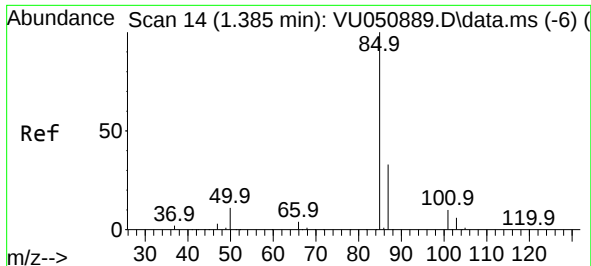
Quant Time: Sep 23 01:10:10 2022
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	269651	51.105	ug/L	98
29) Cyclohexane	5.385	56	287795	48.751	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	377536	66.154	ug/L	100
31) Carbon tetrachloride	5.523	117	234590	49.482	ug/L	100
33) Benzene	5.771	78	778413	49.308	ug/L	100
34) Trichloroethene	6.539	95	196081	53.471	ug/L	98
35) Methylcyclohexane	6.761	83	295323	49.982	ug/L	99
37) 1,2-Dichloropropane	6.790	63	208219	48.200	ug/L	99
38) Bromodichloromethane	7.105	83	259084	50.338	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	278619	48.197	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	650156	109.207	ug/L	99
42) Toluene	7.967	91	813662	51.919	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	279243	50.780	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	200362	50.330	ug/L	99
46) Tetrachloroethene	8.552	164	140066	53.152	ug/L	98
48) 2-Hexanone	8.681	43	541192	108.789	ug/L	99
49) Dibromochloromethane	8.809	129	200771	51.434	ug/L	98
50) 1,2-Dibromoethane	8.922	107	211755	51.268	ug/L	98
51) Chlorobenzene	9.446	112	474223	49.565	ug/L	99
52) Ethylbenzene	9.568	91	795643	50.891	ug/L	100
53) m,p-Xylene	9.694	106	308437	53.064	ug/L	100
54) o-Xylene	10.099	106	302691	52.265	ug/L	98
55) Styrene	10.112	104	528929	53.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	351076	47.660	ug/L	99
59) Bromoform	10.288	173	150434	49.419	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	290232	48.925	ug/L	99
61) Isopropylbenzene	10.485	105	764589	50.729	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	635294	51.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	635794	51.817	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	341600	49.562	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	342904	49.005	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	367458	50.351	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	87723	53.766	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	235036	48.739	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	190705	48.324	ug/L	100
71) Naphthalene	14.086	128	763327	50.328	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	224834	50.904	ug/L	98

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

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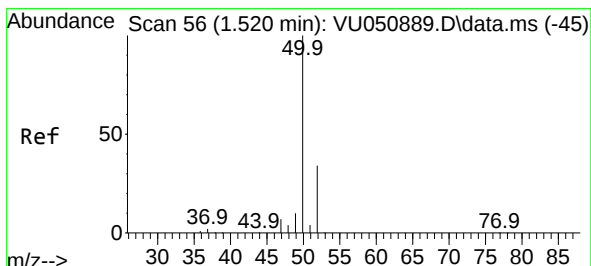
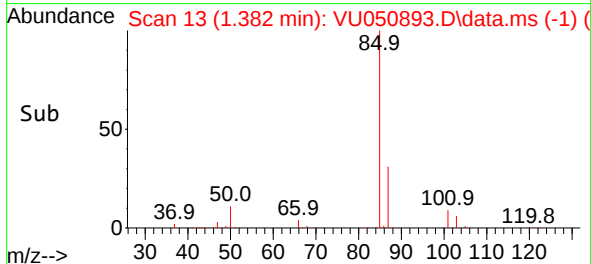
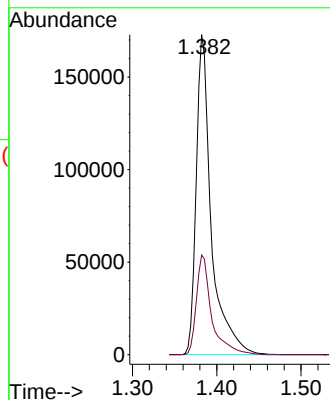
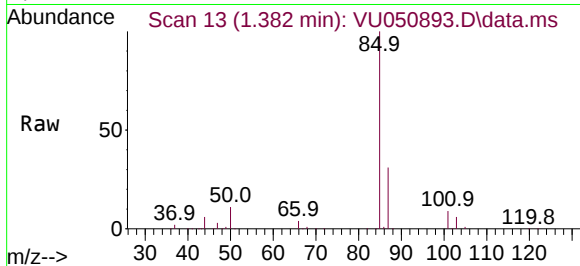




#2
Dichlorodifluoromethane
Concen: 47.296 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

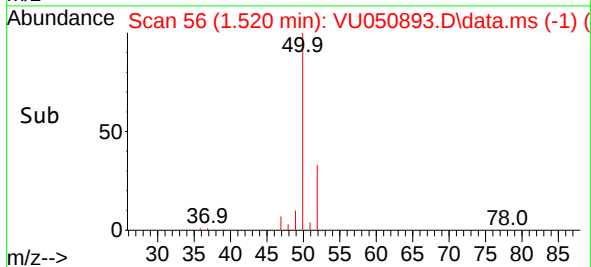
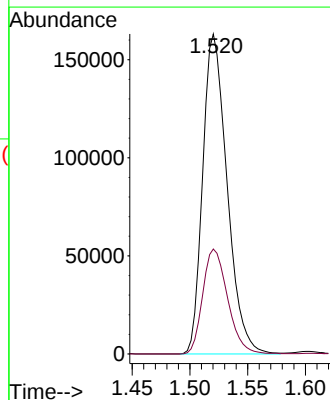
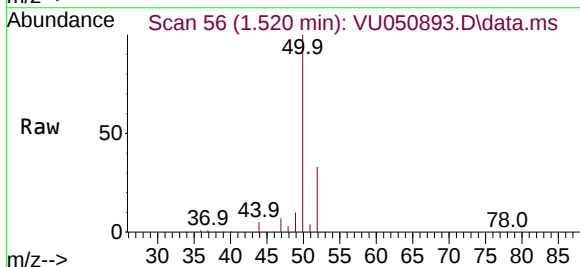
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

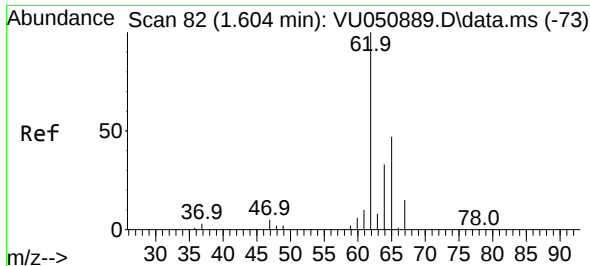
Tgt Ion: 85 Resp: 214292
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.8



#3
Chloromethane
Concen: 45.525 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 50 Resp: 239797
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9

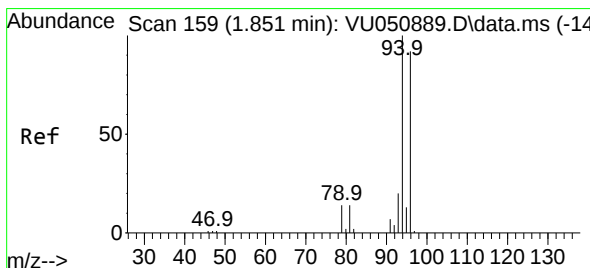
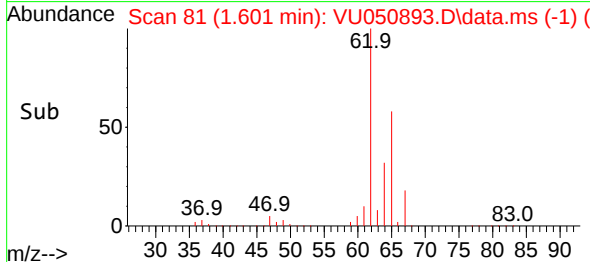
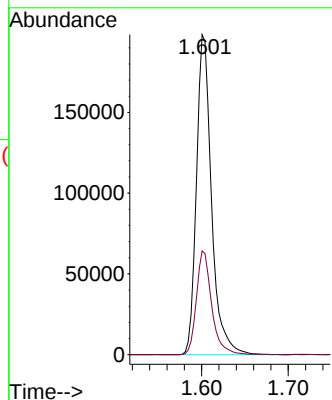
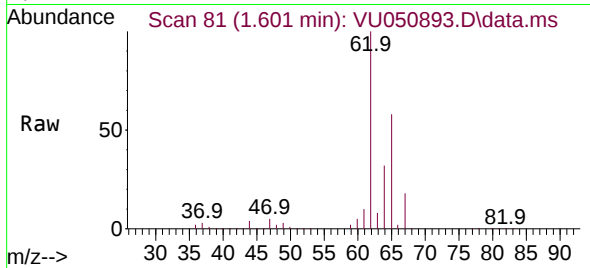




#5
 Vinyl chloride
 Concen: 46.383 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050893.D
 Acq: 22 Sep 2022 13:06

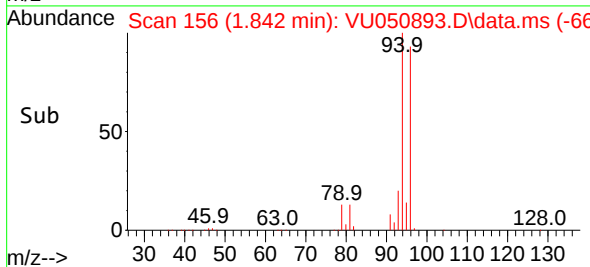
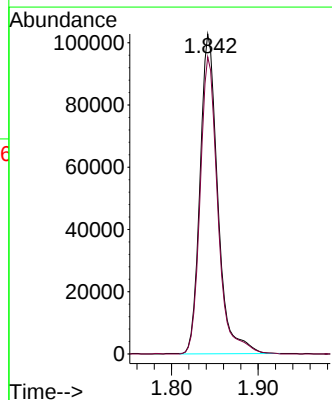
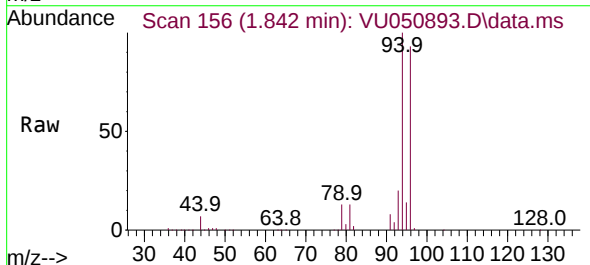
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06MSD

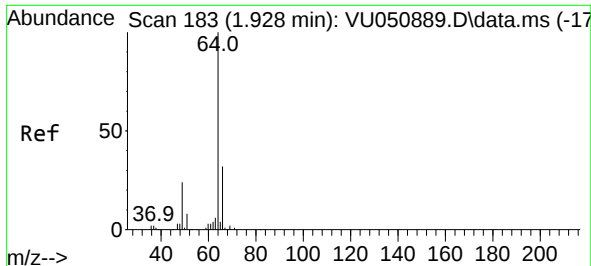
Tgt Ion: 62 Resp: 239181
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.2 41.2



#6
 Bromomethane
 Concen: 56.226 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.009 min
 Lab File: VU050893.D
 Acq: 22 Sep 2022 13:06

Tgt Ion: 94 Resp: 146475
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.0 119.0

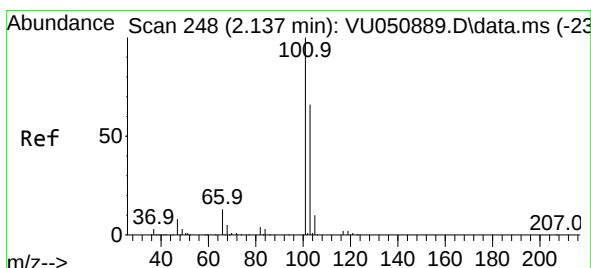
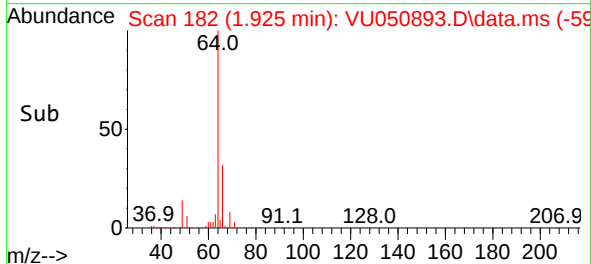
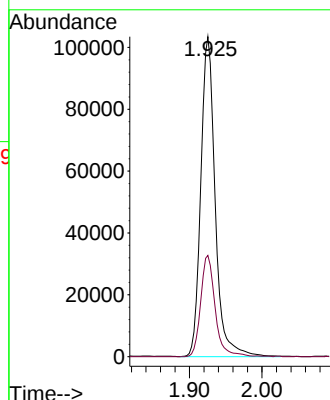
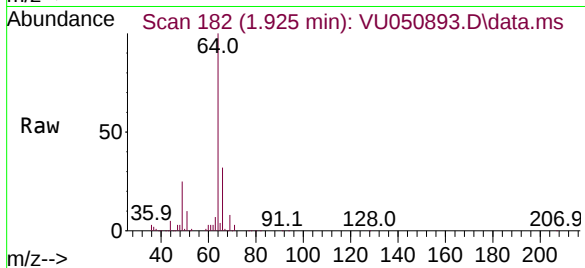




#8
Chloroethane
Concen: 49.993 ug/L
RT: 1.925 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

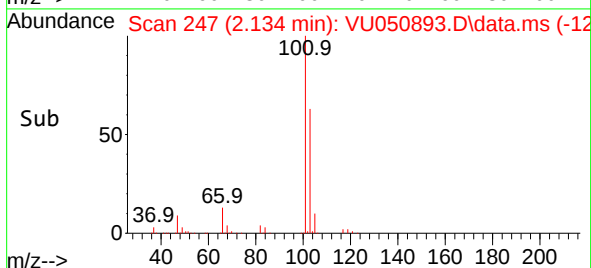
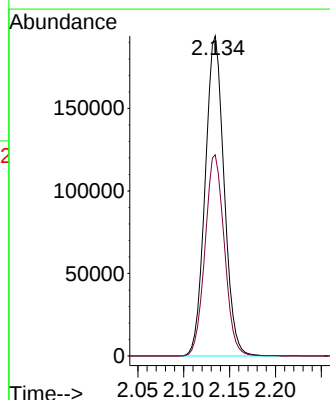
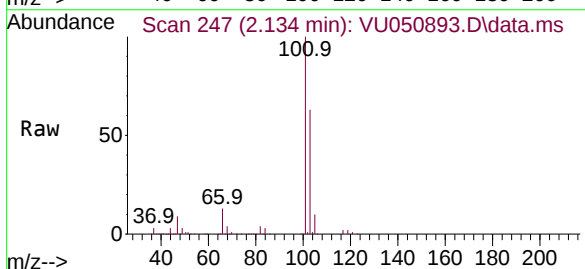
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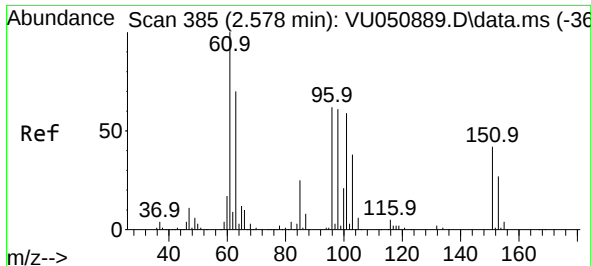
Tgt Ion: 64 Resp: 142735
Ion Ratio Lower Upper
64 100
66 31.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 49.763 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 101 Resp: 278344
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.923 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MSD

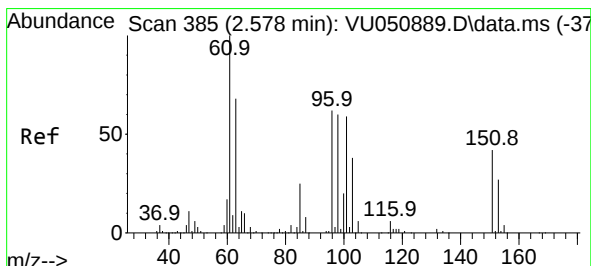
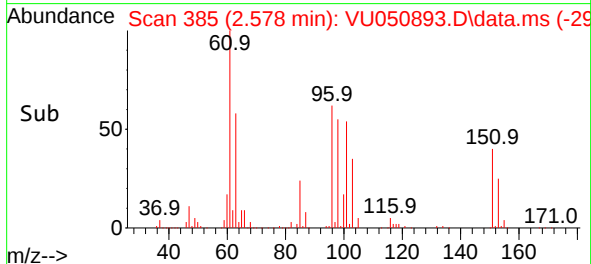
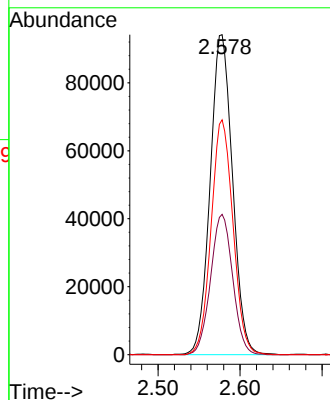
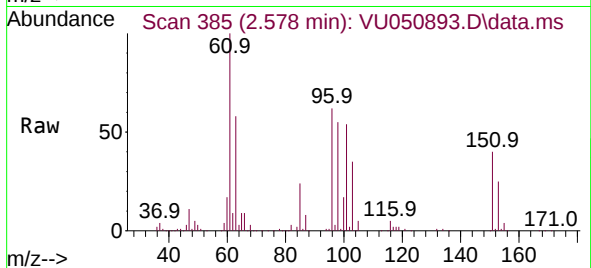
Tgt Ion:101 Resp: 178731

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

151 71.9 56.6 84.8



#12

1,1-Dichloroethene

Concen: 51.942 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

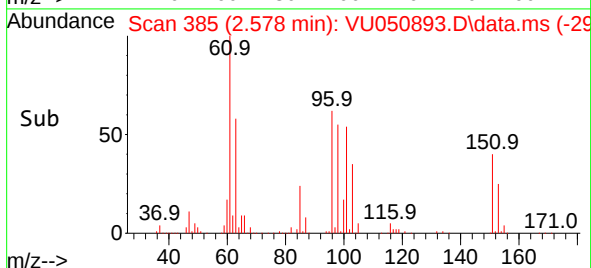
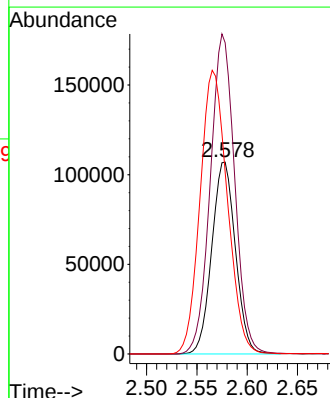
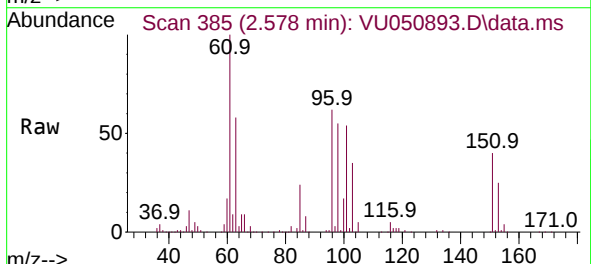
Tgt Ion: 96 Resp: 174732

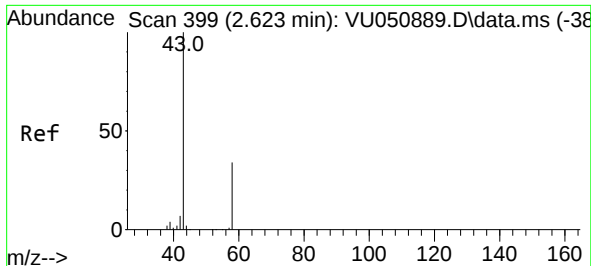
Ion Ratio Lower Upper

96 100

61 162.3 118.6 220.2

63 94.8 90.4 168.0





#13

Acetone

Concen: 88.409 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

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ClientSampleId :

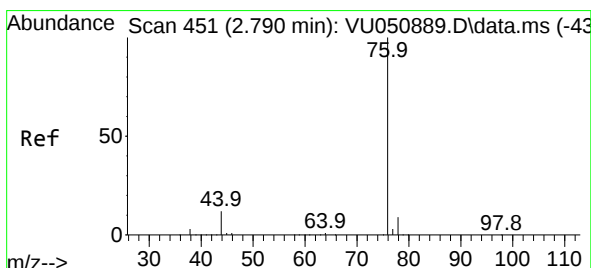
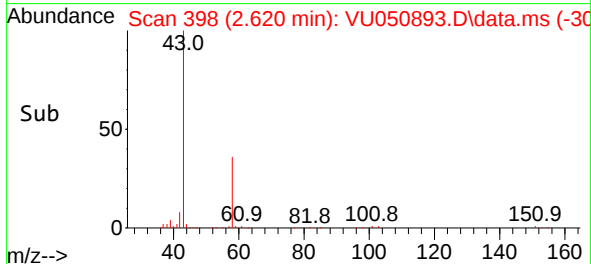
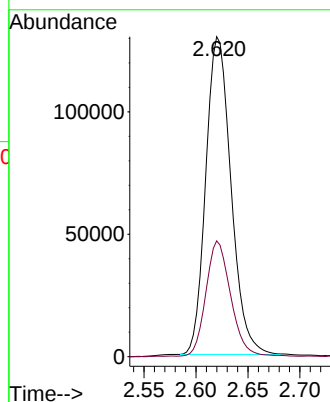
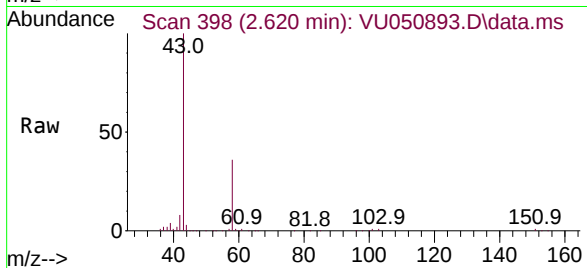
EXZ06MSD

Tgt Ion: 43 Resp: 219098

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.4



#14

Carbon disulfide

Concen: 46.821 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050893.D

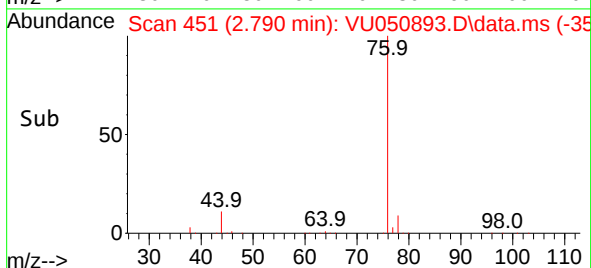
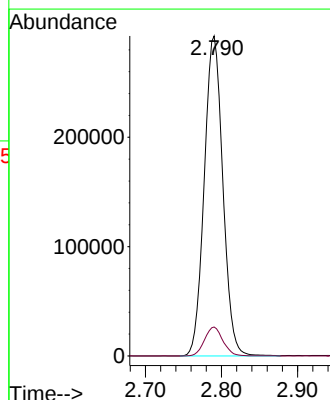
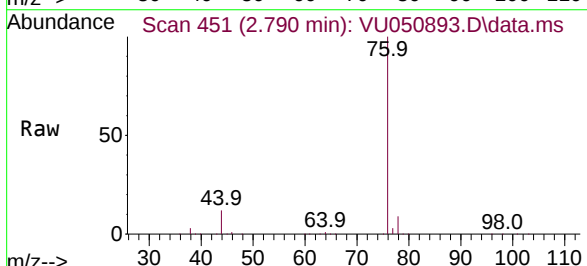
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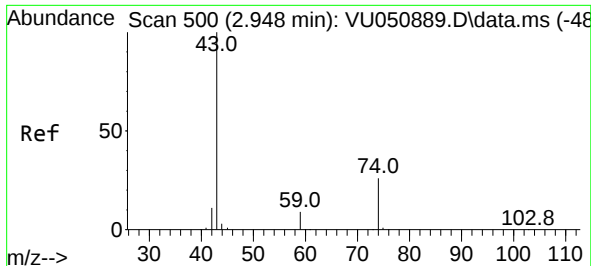
Tgt Ion: 76 Resp: 498053

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

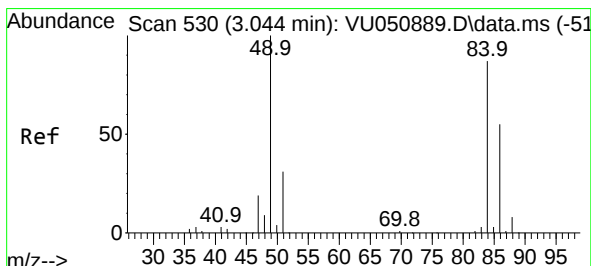
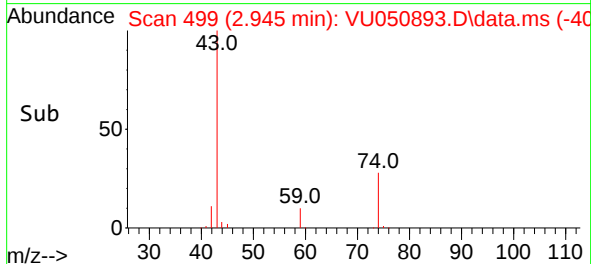
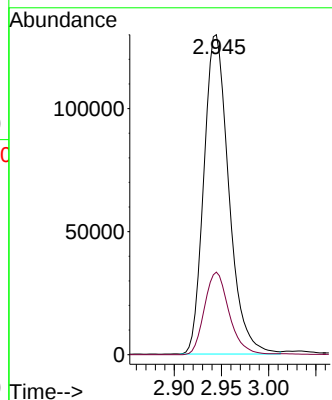
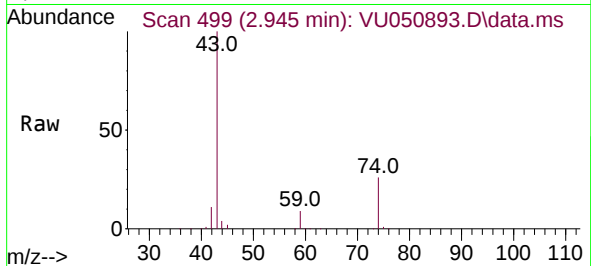




#15
Methyl Acetate
Concen: 50.950 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

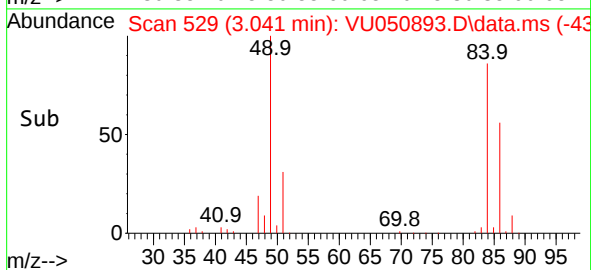
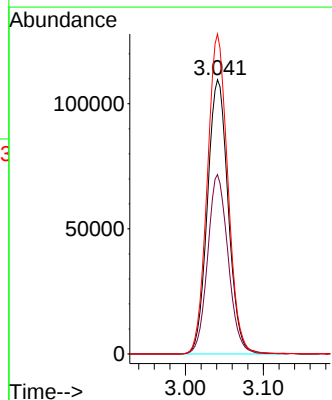
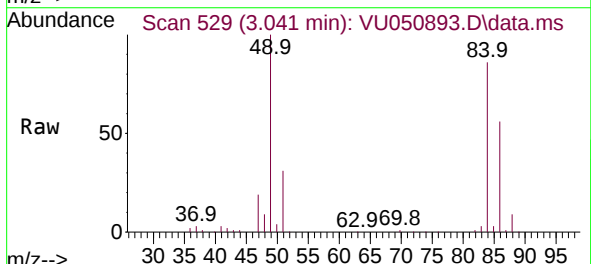
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

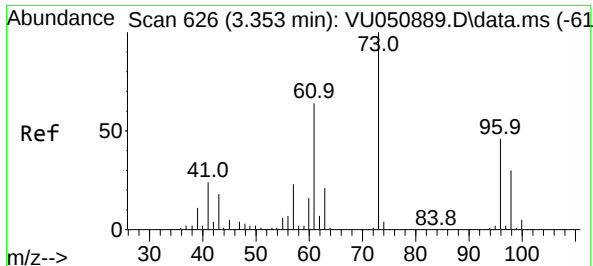
Tgt Ion: 43 Resp: 238285
Ion Ratio Lower Upper
43 100
74 25.5 19.9 29.9



#16
Methylene chloride
Concen: 43.506 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 84 Resp: 203214
Ion Ratio Lower Upper
84 100
86 65.4 44.4 82.5
49 116.7 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 49.861 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MSD

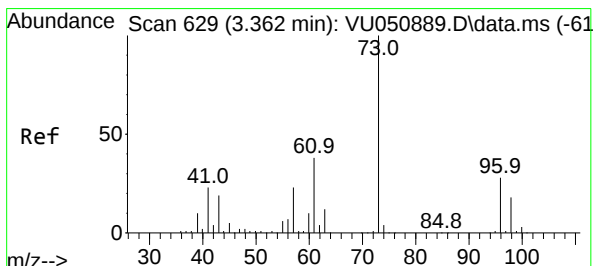
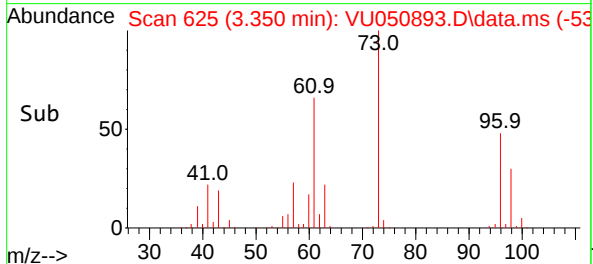
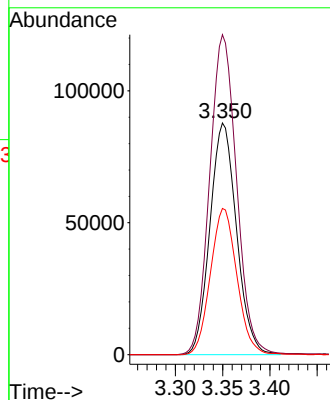
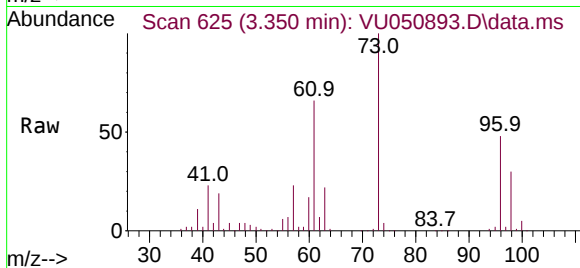
Tgt Ion: 96 Resp: 171913

Ion Ratio Lower Upper

96 100

61 138.2 98.0 182.0

98 63.1 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.110 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

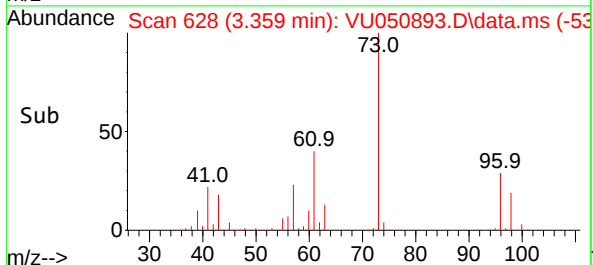
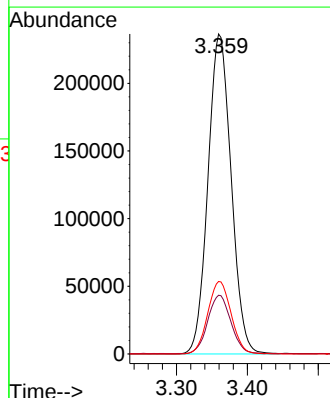
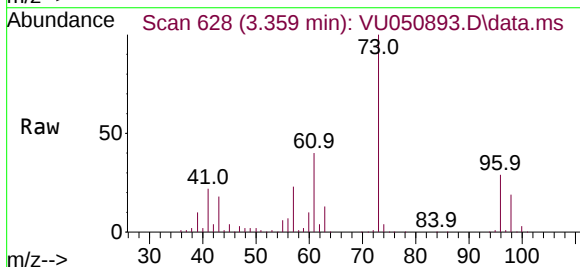
Tgt Ion: 73 Resp: 537214

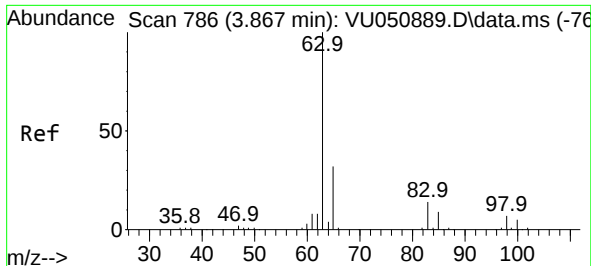
Ion Ratio Lower Upper

73 100

43 18.1 14.4 21.6

57 22.8 18.6 27.8

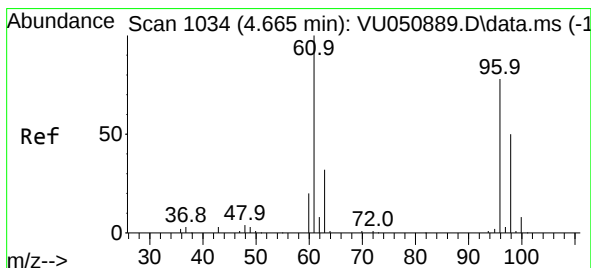
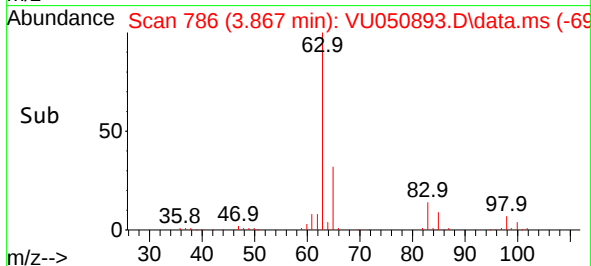
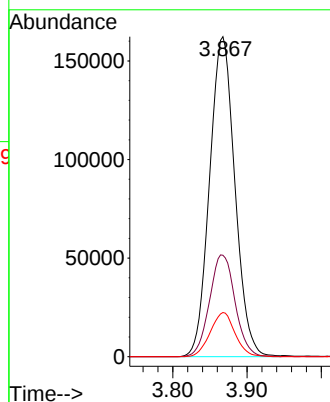
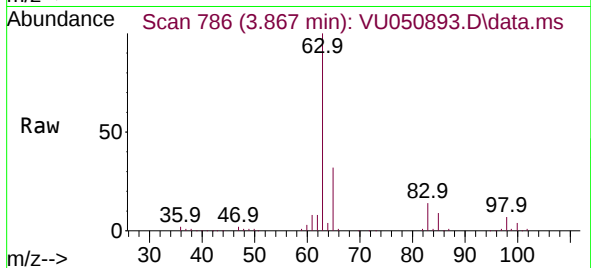




#19
1,1-Dichloroethane
Concen: 55.201 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

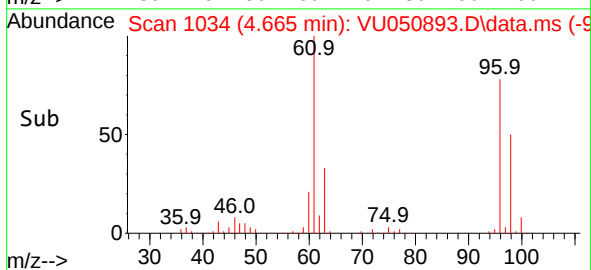
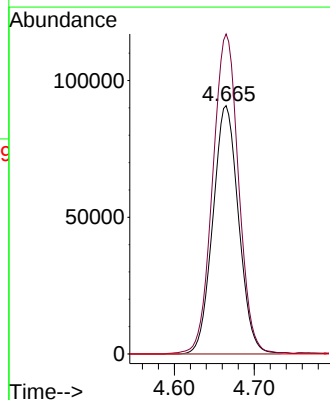
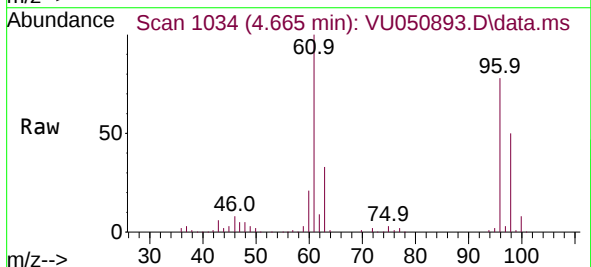
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

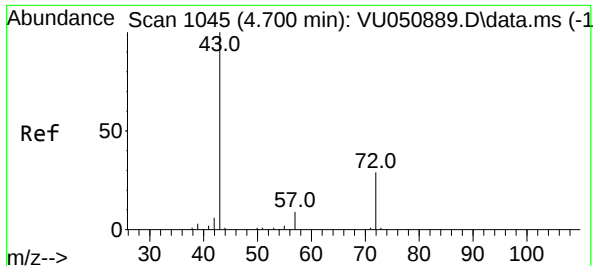
Tgt Ion: 63 Resp: 384572
Ion Ratio Lower Upper
63 100
65 31.7 21.5 39.9
83 13.8 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 53.103 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 96 Resp: 203006
Ion Ratio Lower Upper
96 100
61 128.8 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 107.600 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

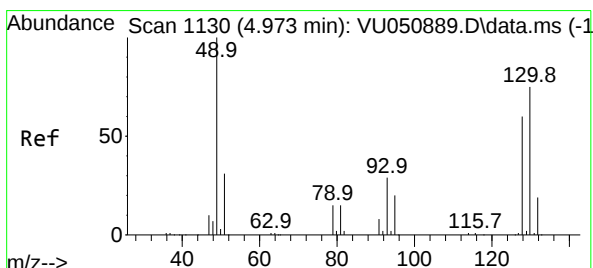
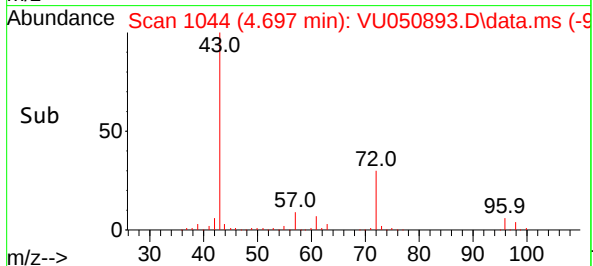
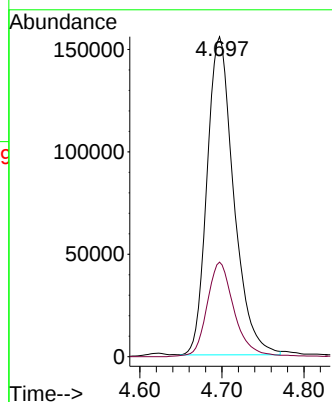
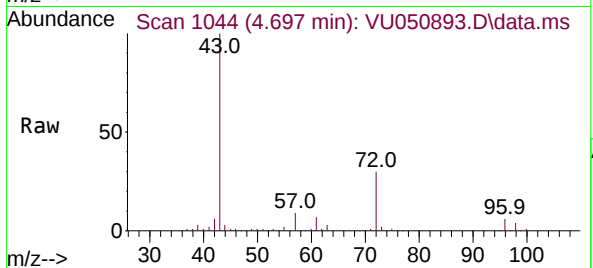
EXZ06MSD

Tgt Ion: 43 Resp: 351492

Ion Ratio Lower Upper

43 100

72 30.3 14.8 44.3



#23

Bromochloromethane

Concen: 49.125 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Tgt Ion:128 Resp: 98427

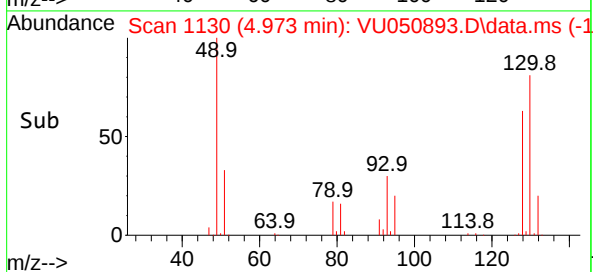
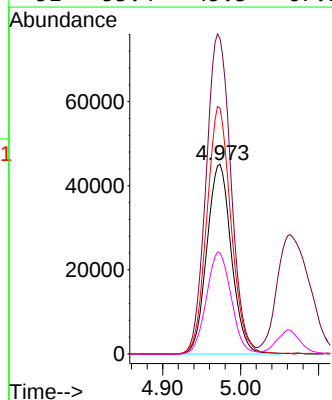
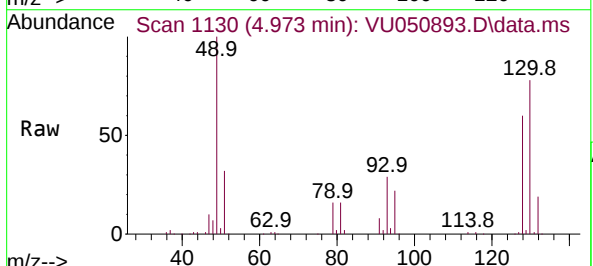
Ion Ratio Lower Upper

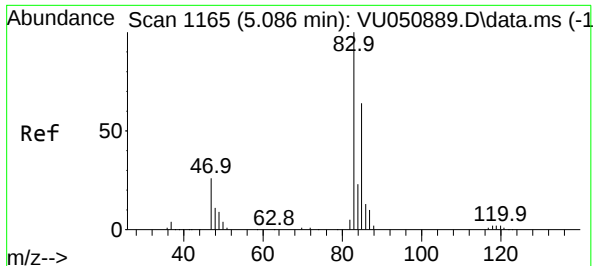
128 100

49 166.4 123.1 228.5

130 129.6 90.9 168.7

51 53.4 45.3 67.9





#25

Chloroform

Concen: 49.755 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

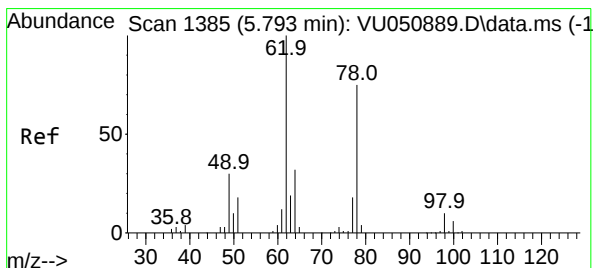
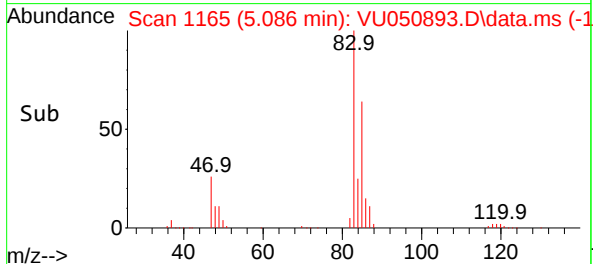
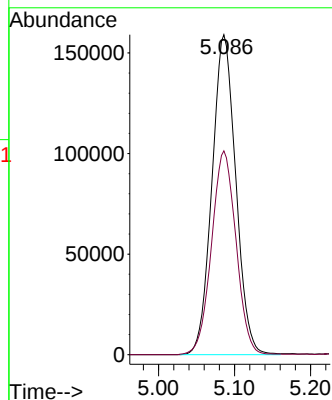
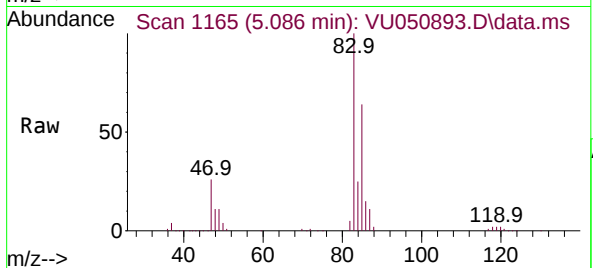
EXZ06MSD

Tgt Ion: 83 Resp: 345453

Ion Ratio Lower Upper

83 100

85 63.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.105 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050893.D

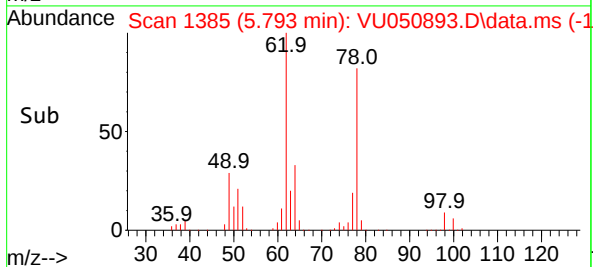
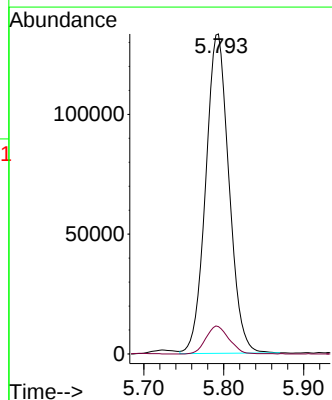
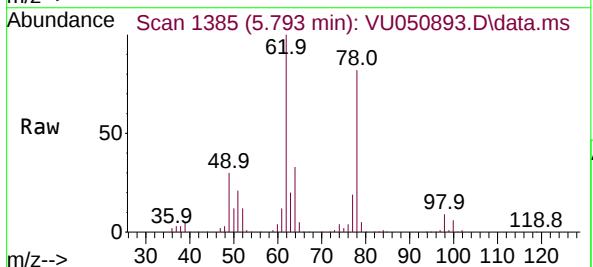
Acq: 22 Sep 2022 13:06

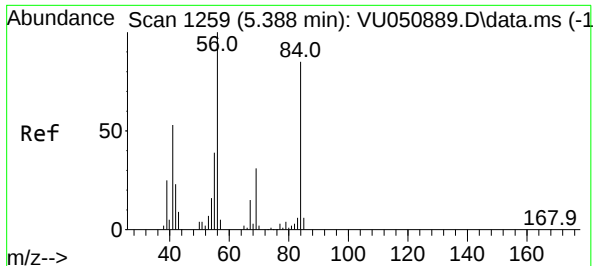
Tgt Ion: 62 Resp: 269651

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0





#29

Cyclohexane

Concen: 48.751 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MSD

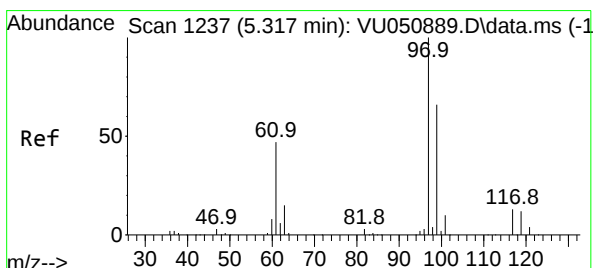
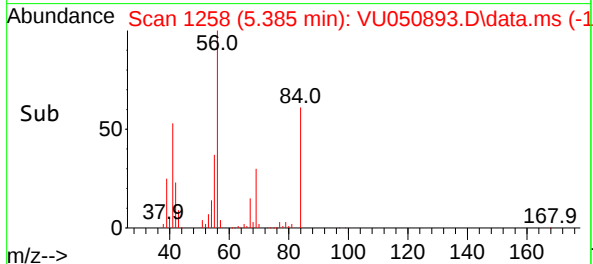
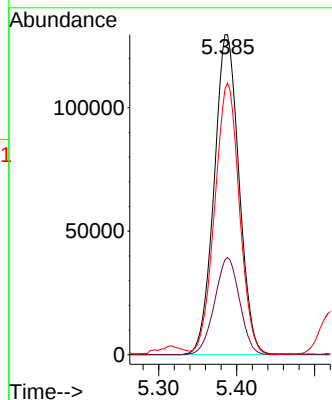
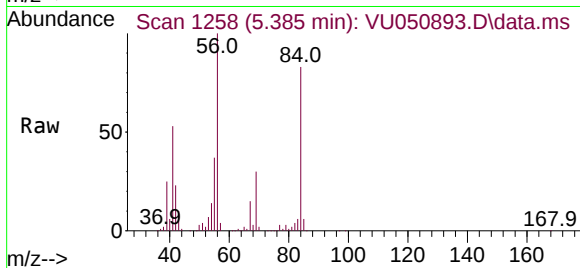
Tgt Ion: 56 Resp: 287795

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 84.0 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 66.154 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

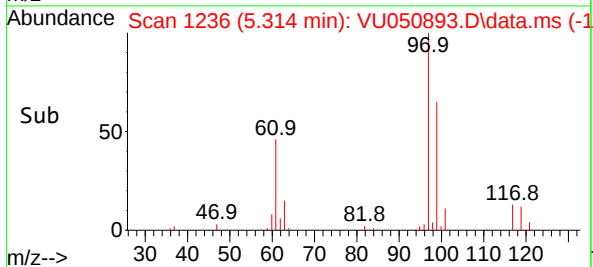
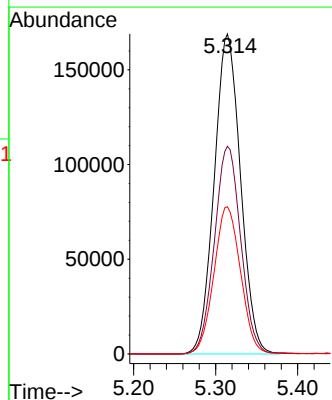
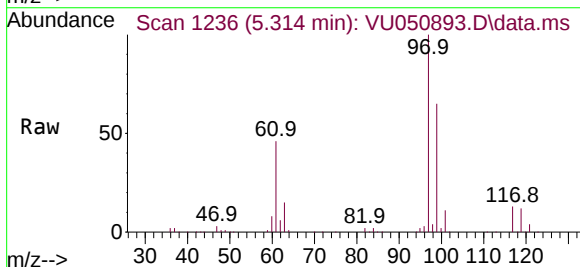
Tgt Ion: 97 Resp: 377536

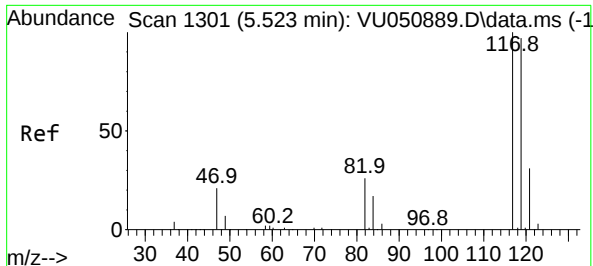
Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.2

61 46.5 37.1 55.7

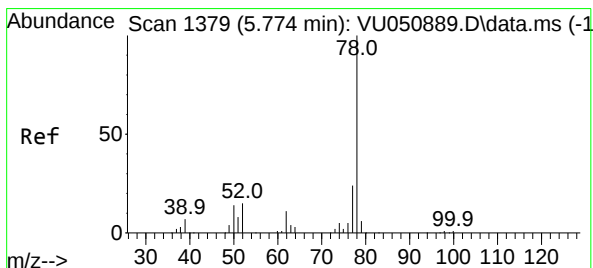
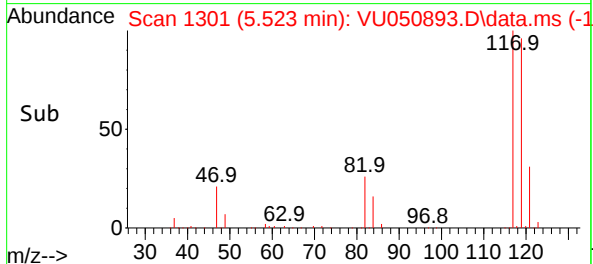
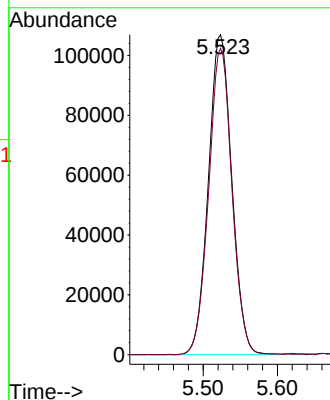
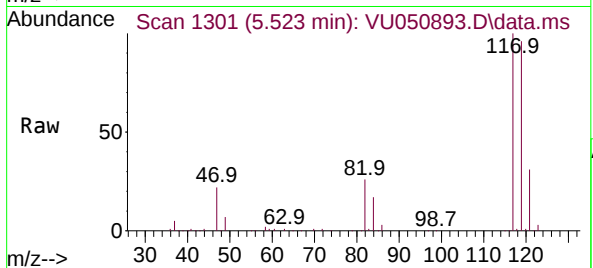




#31
Carbon tetrachloride
Concen: 49.482 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

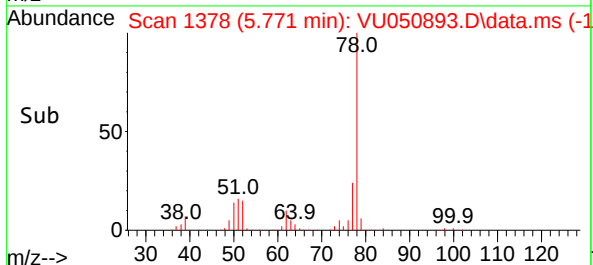
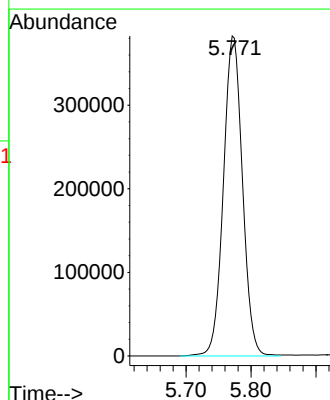
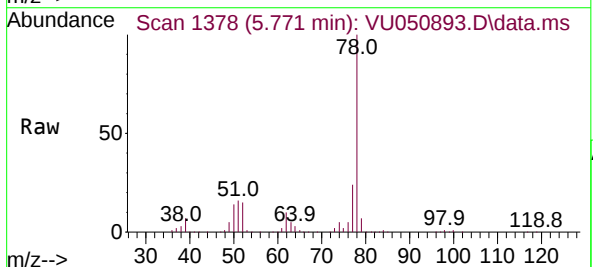
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

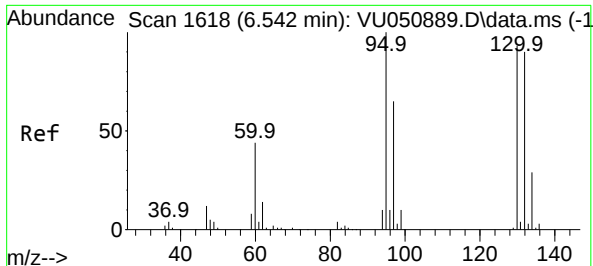
Tgt Ion:117 Resp: 234590
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0



#33
Benzene
Concen: 49.308 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 78 Resp: 778413

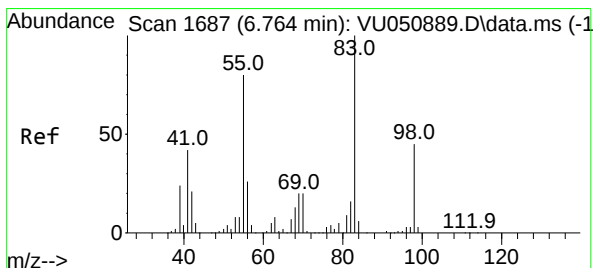
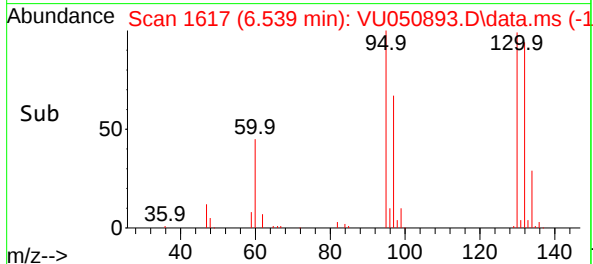
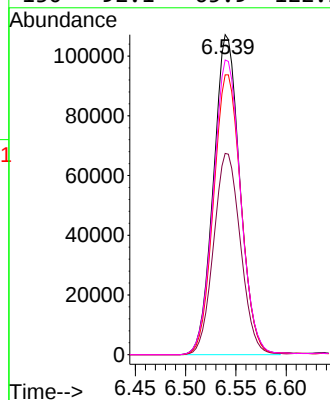
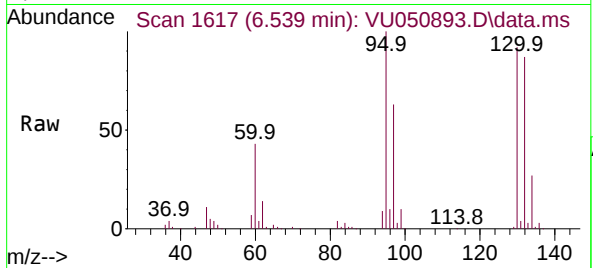




#34
Trichloroethene
Concen: 53.471 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

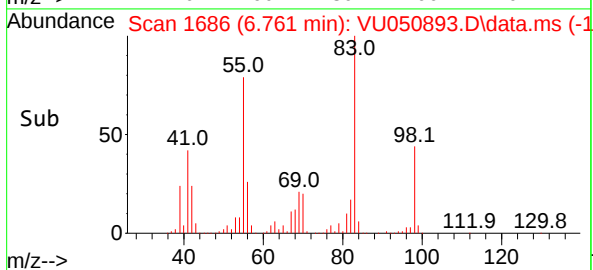
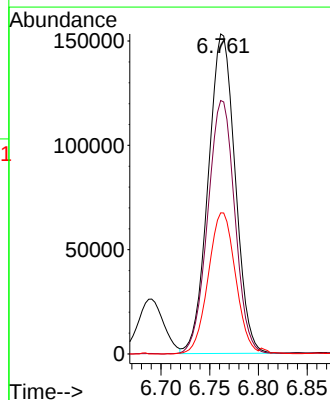
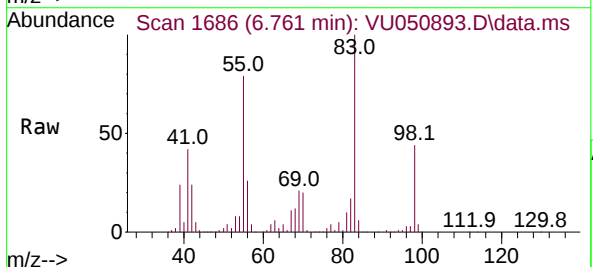
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

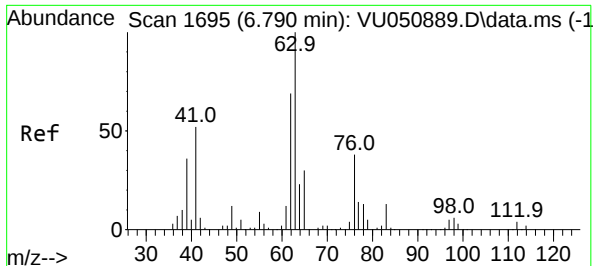
Tgt Ion: 95 Resp: 196081
Ion Ratio Lower Upper
95 100
97 62.9 43.9 81.5
132 87.4 63.1 117.1
130 92.1 65.9 122.3



#35
Methylcyclohexane
Concen: 49.982 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 83 Resp: 295323
Ion Ratio Lower Upper
83 100
55 79.9 64.7 97.1
98 44.6 35.2 52.8





#37

1,2-Dichloropropane

Concen: 48.200 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

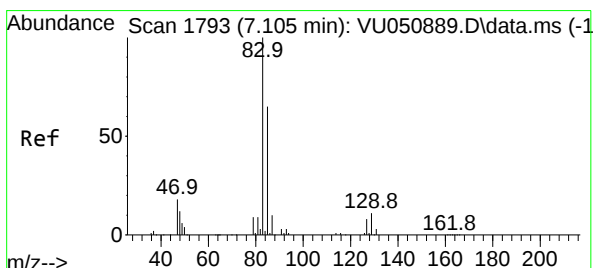
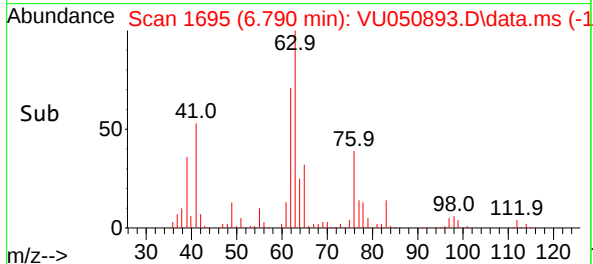
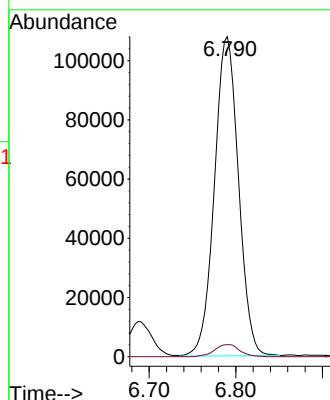
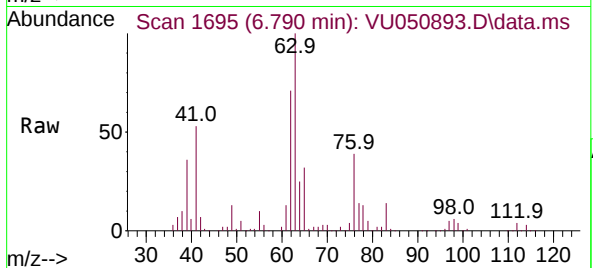
EXZ06MSD

Tgt Ion: 63 Resp: 208219

Ion Ratio Lower Upper

63 100

112 3.9 2.9 4.3



#38

Bromodichloromethane

Concen: 50.338 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

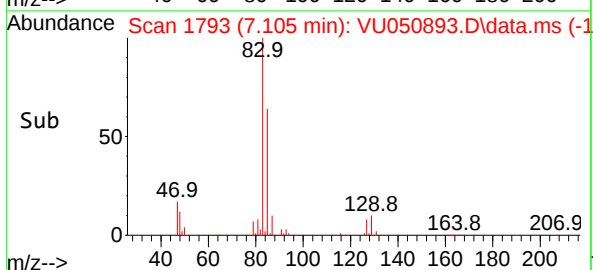
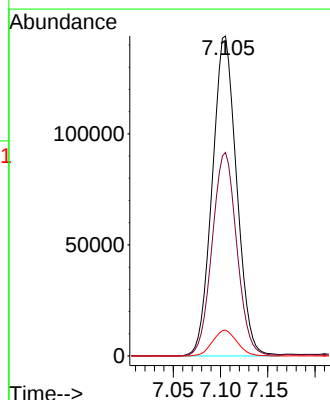
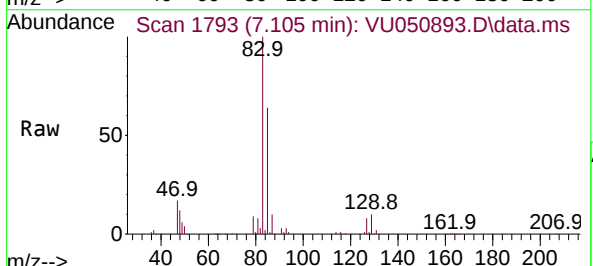
Tgt Ion: 83 Resp: 259084

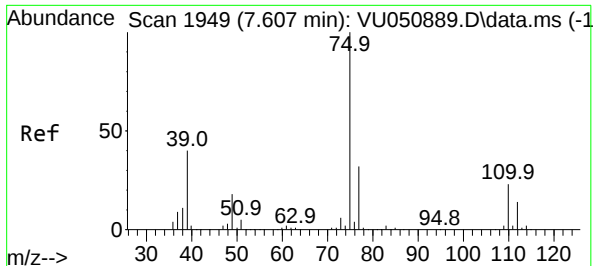
Ion Ratio Lower Upper

83 100

85 63.6 44.3 82.3

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 48.197 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

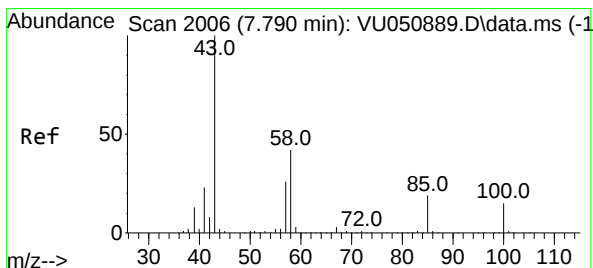
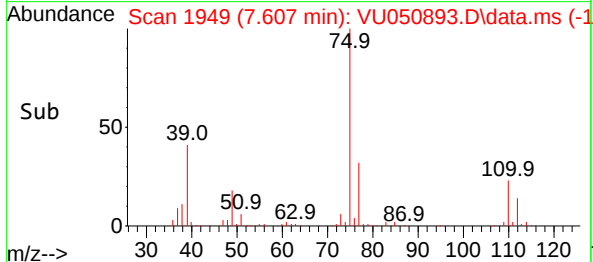
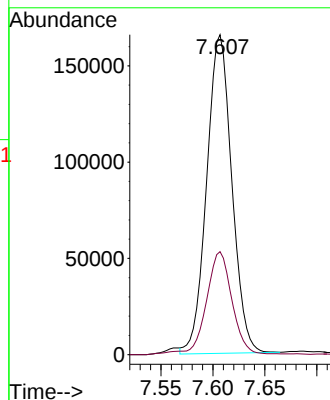
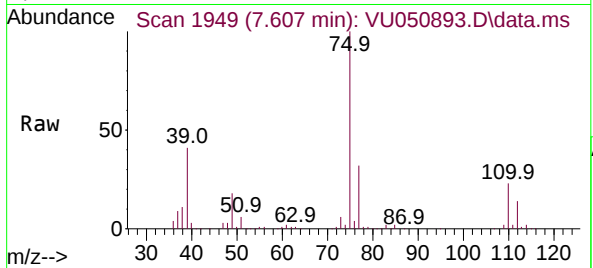
EXZ06MSD

Tgt Ion: 75 Resp: 278619

Ion Ratio Lower Upper

75 100

77 32.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 109.207 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

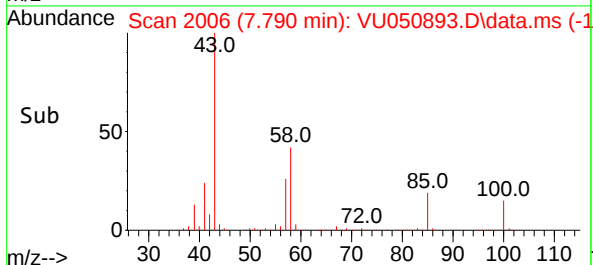
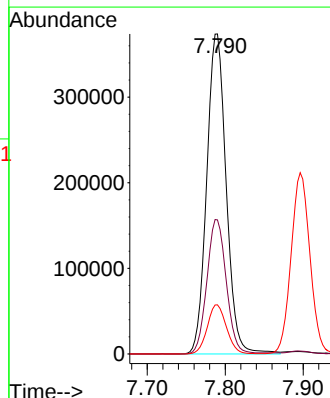
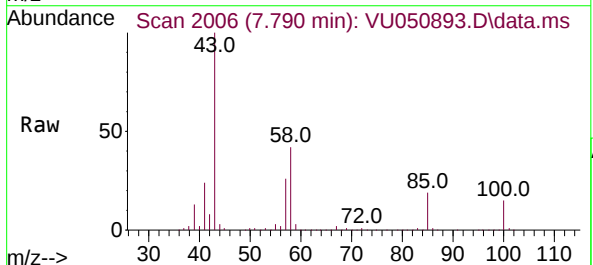
Tgt Ion: 43 Resp: 650156

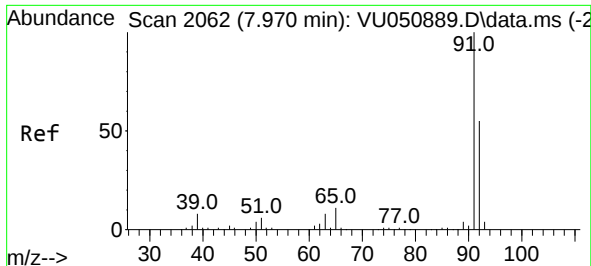
Ion Ratio Lower Upper

43 100

58 41.8 33.8 50.6

100 15.2 12.0 18.0





#42

Toluene

Concen: 51.919 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

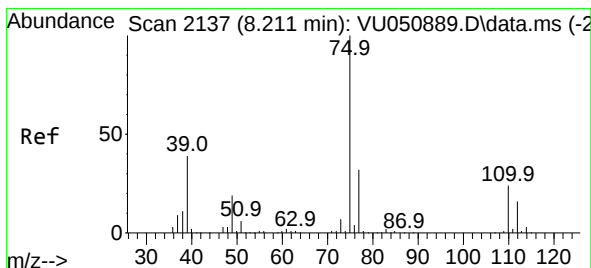
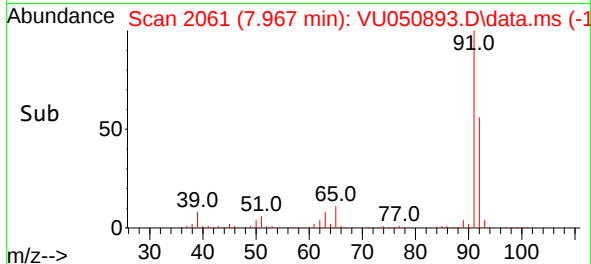
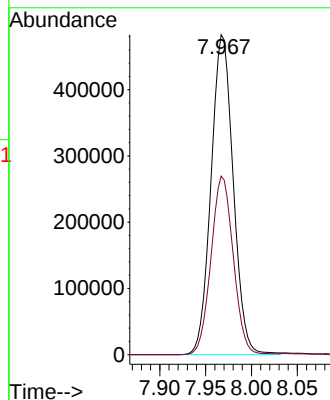
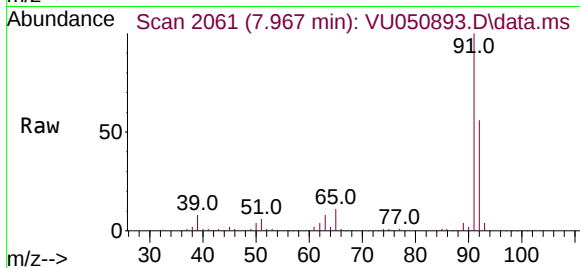
EXZ06MSD

Tgt Ion: 91 Resp: 813662

Ion Ratio Lower Upper

91 100

92 55.8 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 50.780 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050893.D

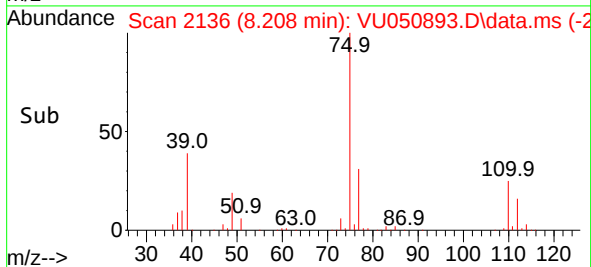
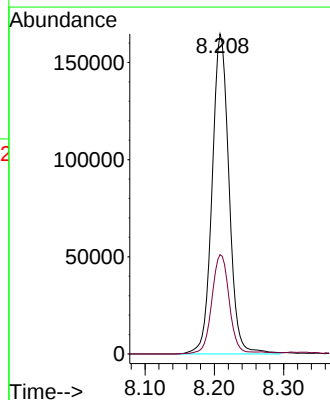
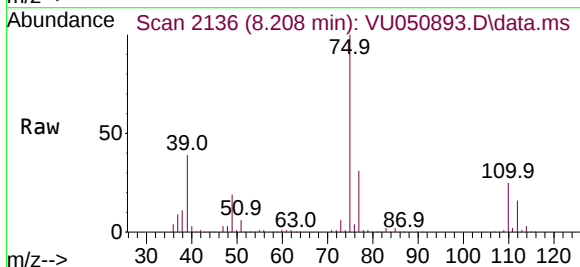
Acq: 22 Sep 2022 13:06

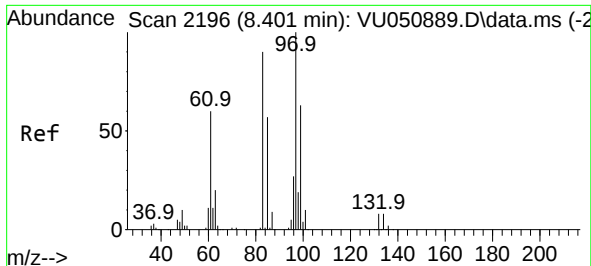
Tgt Ion: 75 Resp: 279243

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 50.330 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.003 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MSD

Tgt Ion: 97 Resp: 200362

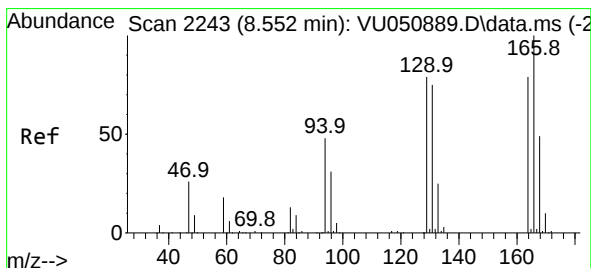
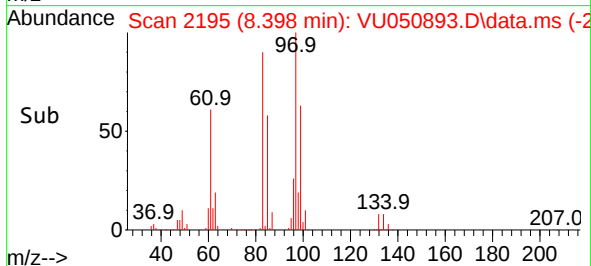
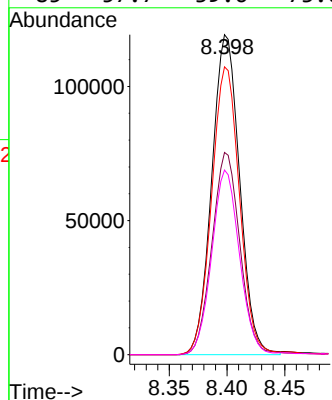
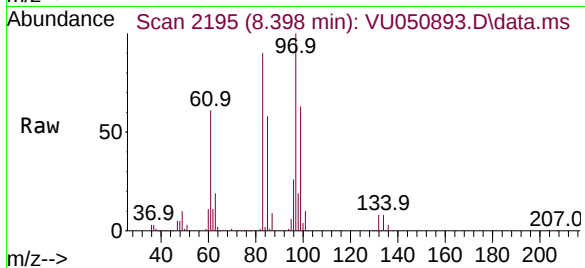
Ion Ratio Lower Upper

97 100

99 63.2 43.8 81.4

83 89.9 62.6 116.3

85 57.7 39.6 73.6



#46

Tetrachloroethene

Concen: 53.152 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Tgt Ion: 164 Resp: 140066

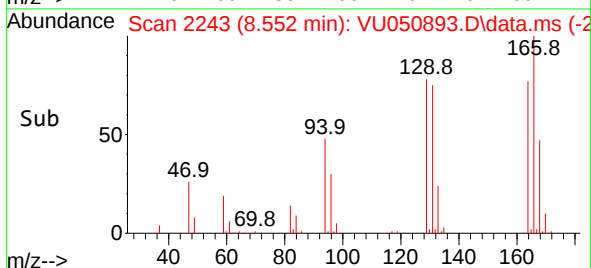
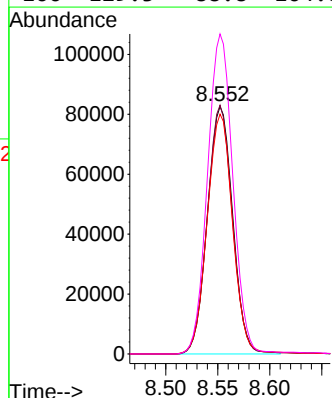
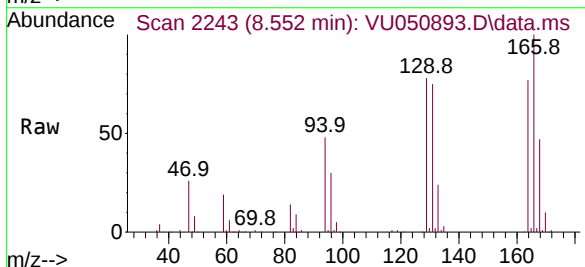
Ion Ratio Lower Upper

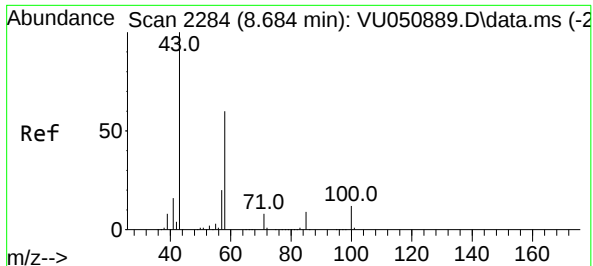
164 100

129 100.5 68.5 127.3

131 96.9 66.1 122.7

166 129.3 88.8 164.8

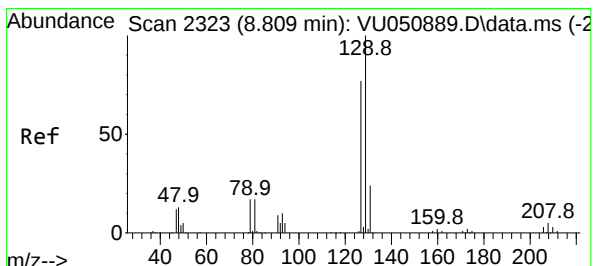
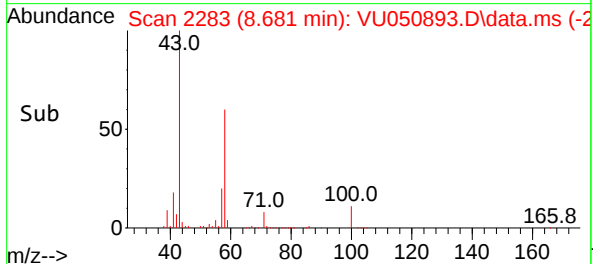
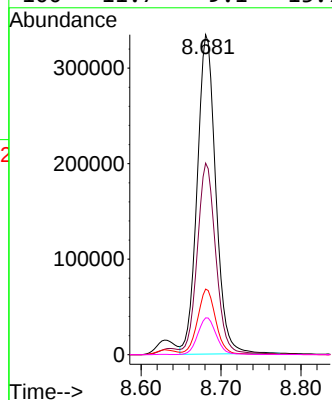
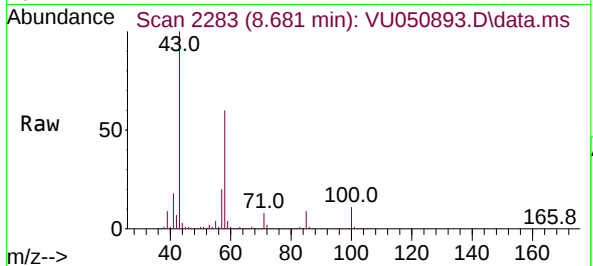




#48
2-Hexanone
Concen: 108.789 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

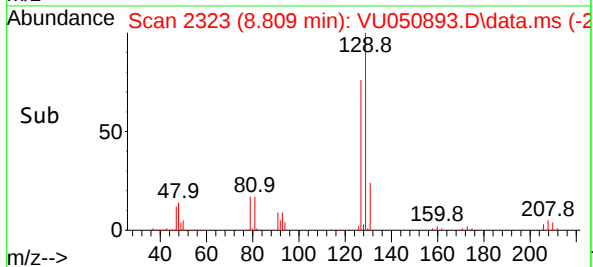
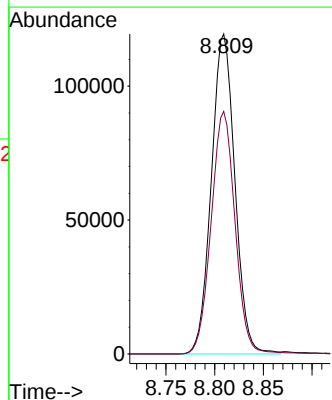
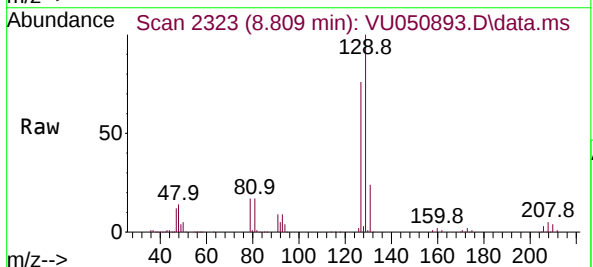
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

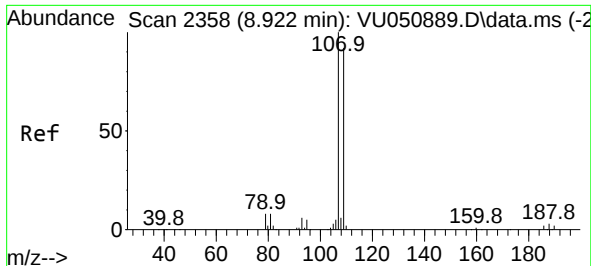
Tgt Ion: 43 Resp: 541192
Ion Ratio Lower Upper
43 100
58 59.9 47.2 70.8
57 20.0 16.2 24.4
100 11.7 9.1 13.7



#49
Dibromochloromethane
Concen: 51.434 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 129 Resp: 200771
Ion Ratio Lower Upper
129 100
127 75.8 54.5 101.1





#50

1,2-Dibromoethane

Concen: 51.268 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MSD

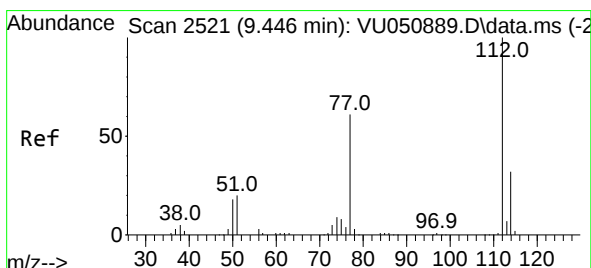
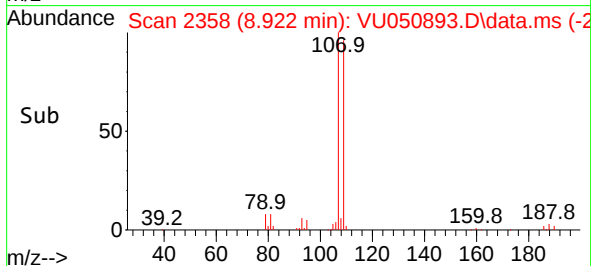
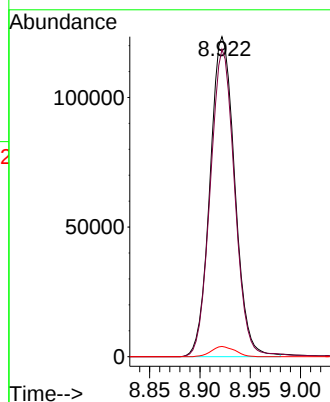
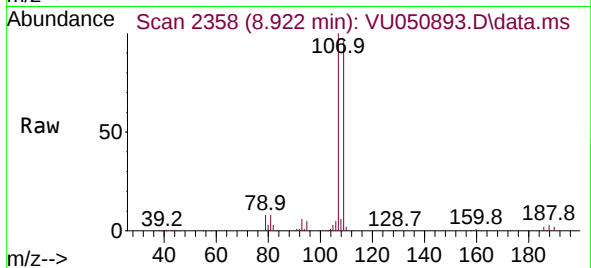
Tgt Ion:107 Resp: 211755

Ion Ratio Lower Upper

107 100

109 96.1 66.0 122.6

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 49.565 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050893.D

Acq: 22 Sep 2022 13:06

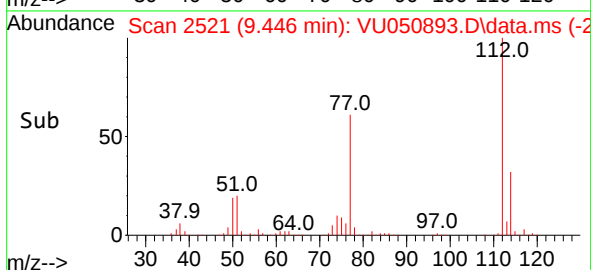
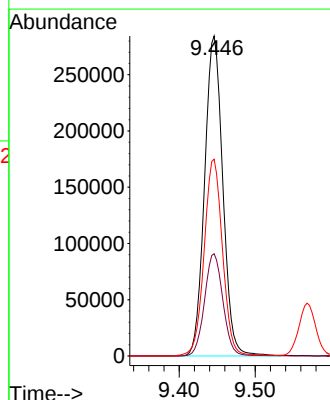
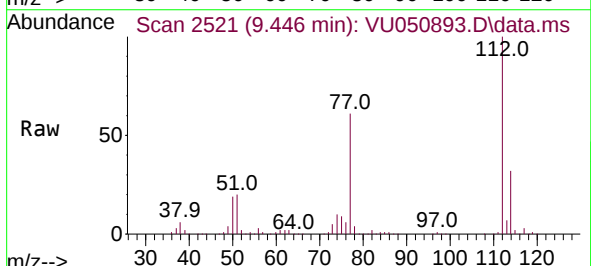
Tgt Ion:112 Resp: 474223

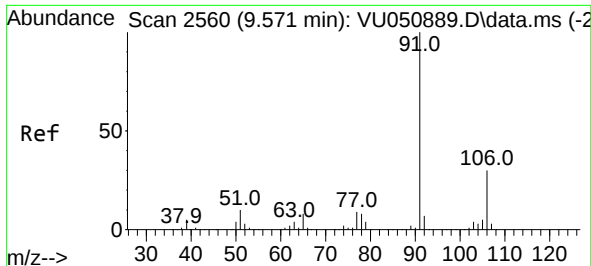
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.3

77 61.5 49.8 74.8

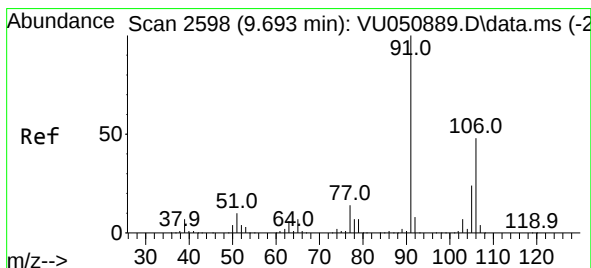
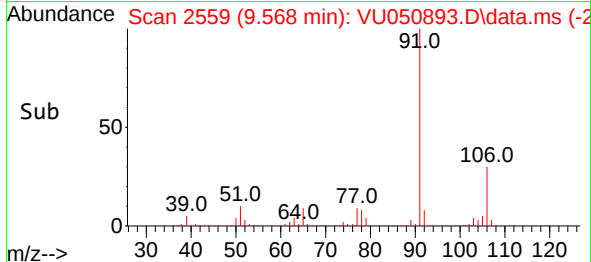
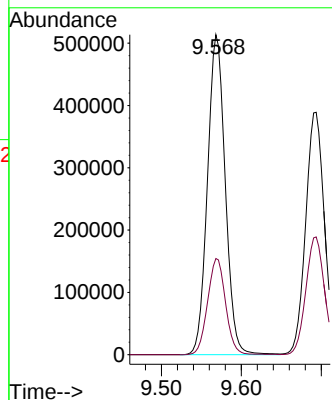
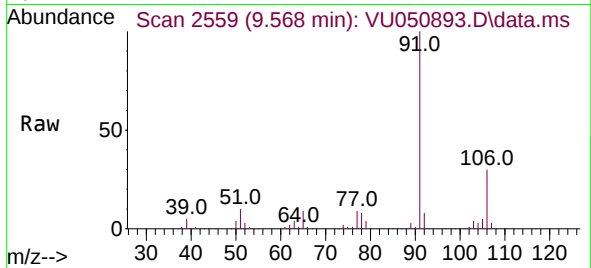




#52
Ethylbenzene
Concen: 50.891 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

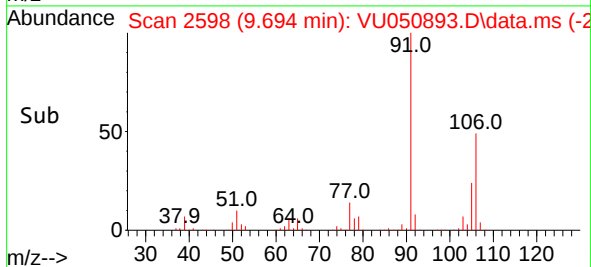
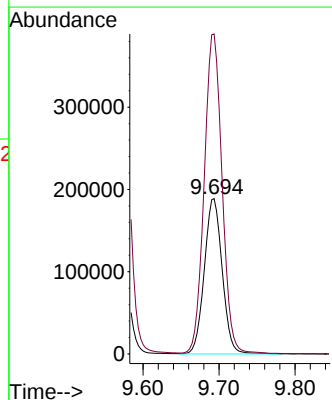
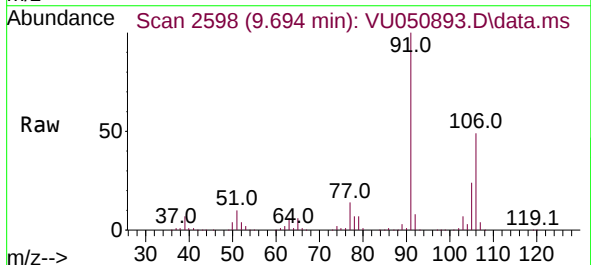
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

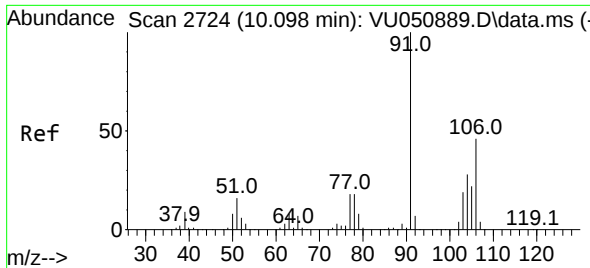
Tgt Ion: 91 Resp: 795643
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 53.064 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 106 Resp: 308437
Ion Ratio Lower Upper
106 100
91 205.9 144.0 267.4

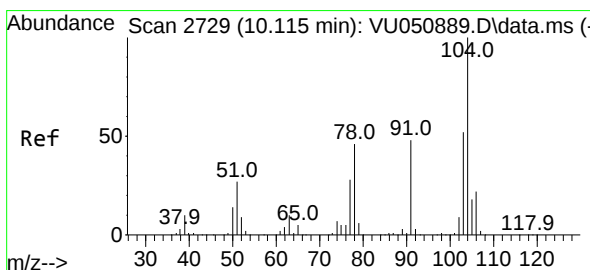
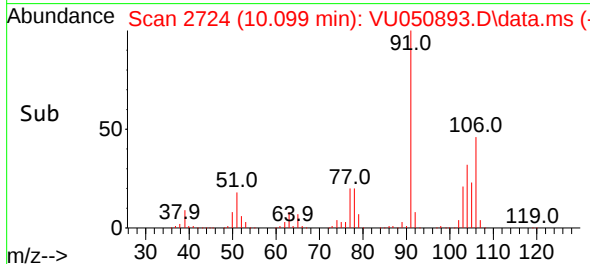
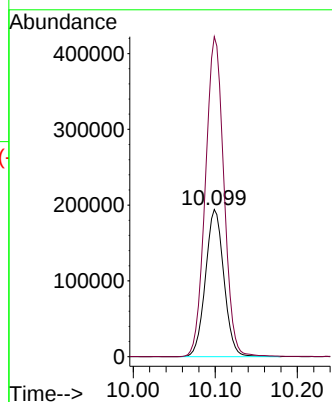
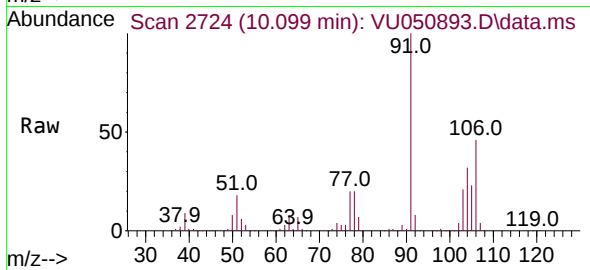




#54
o-Xylene
Concen: 52.265 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

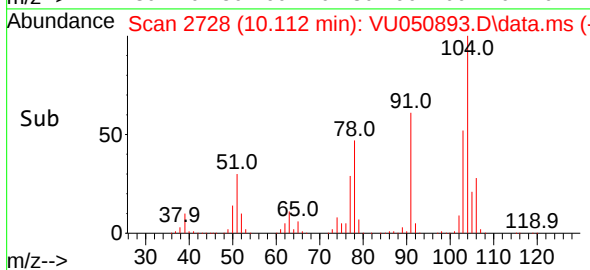
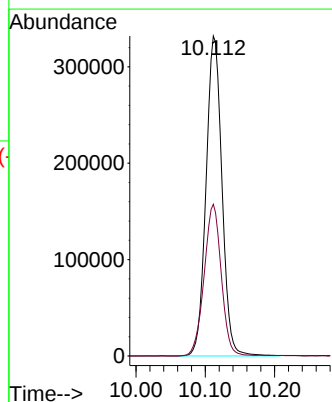
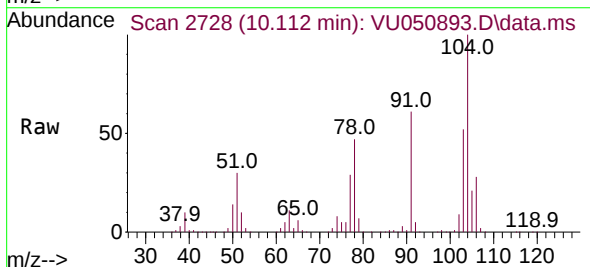
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

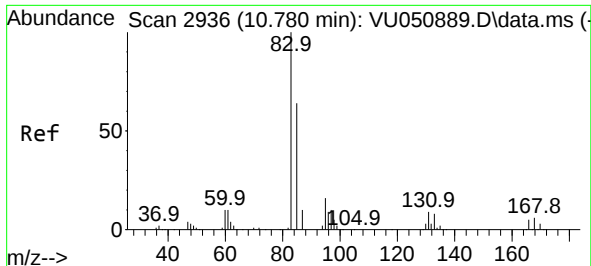
Tgt Ion:106 Resp: 302691
Ion Ratio Lower Upper
106 100
91 217.3 154.6 287.0



#55
Styrene
Concen: 53.268 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion:104 Resp: 528929
Ion Ratio Lower Upper
104 100
78 47.4 32.4 60.2

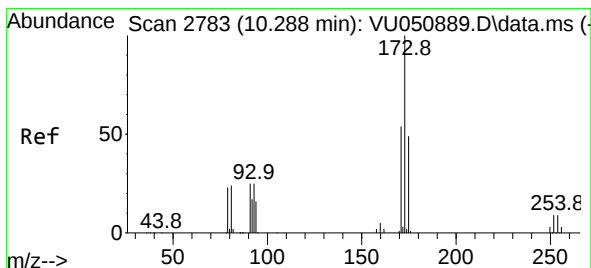
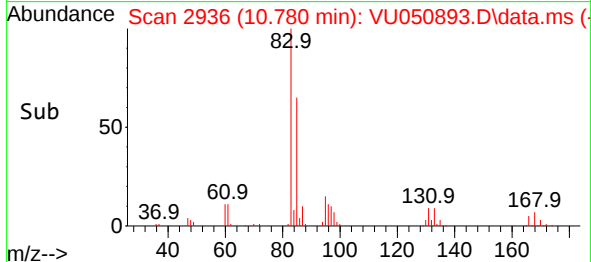
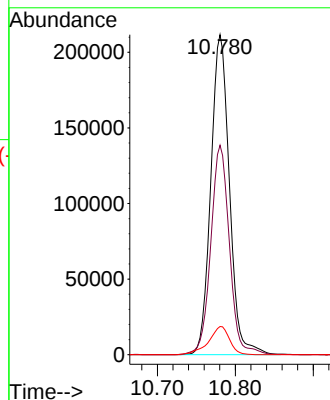
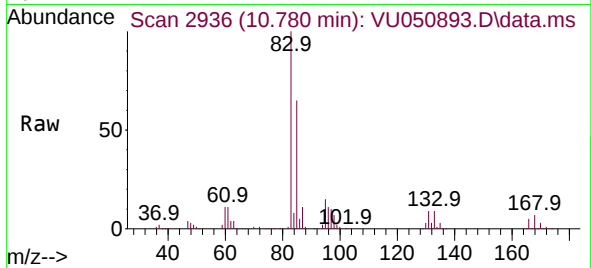




#57
1,1,2,2-Tetrachloroethane
Concen: 47.660 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

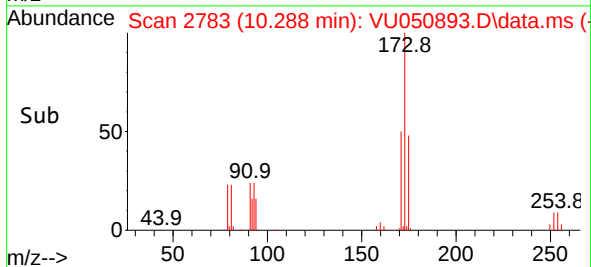
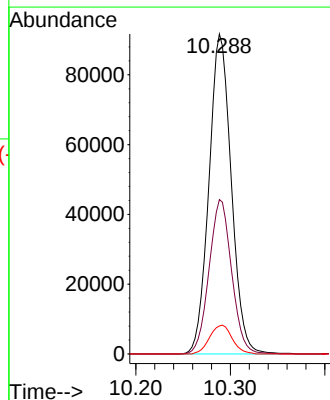
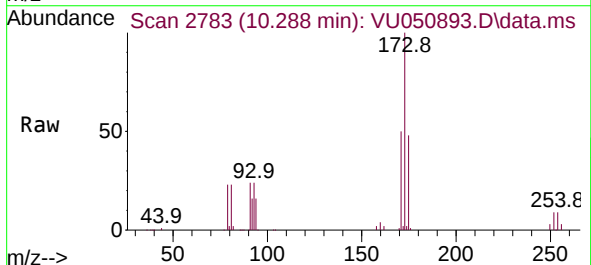
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

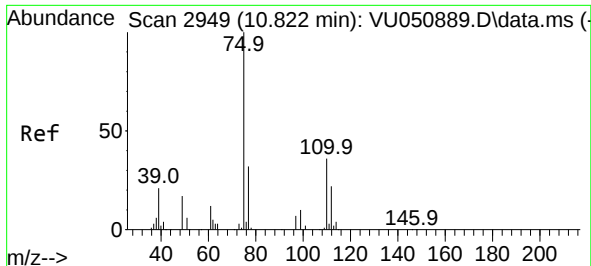
Tgt Ion: 83 Resp: 351076
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.9
131 8.8 7.1 10.7



#59
Bromoform
Concen: 49.419 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion:173 Resp: 150434
Ion Ratio Lower Upper
173 100
175 48.7 37.8 56.8
254 9.1 7.1 10.7

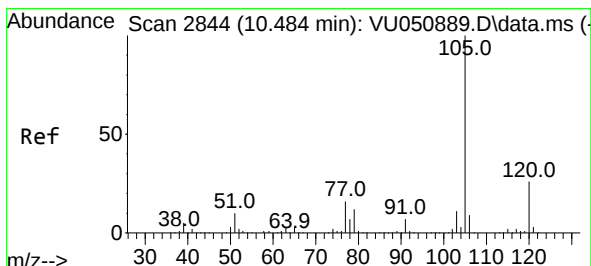
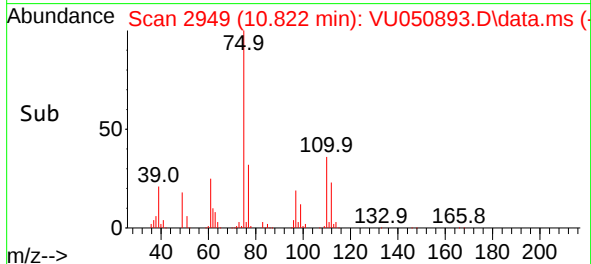
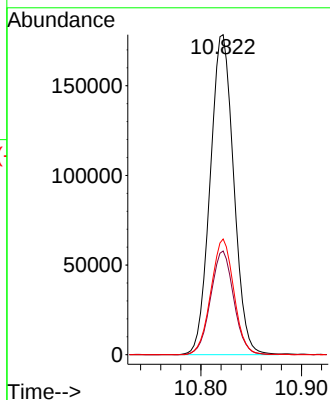
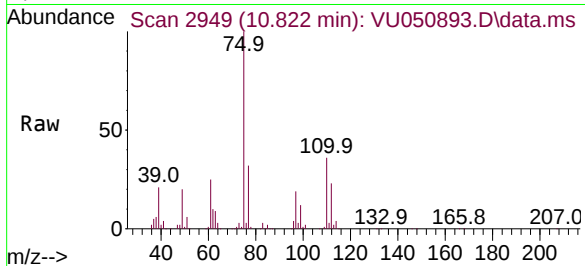




#60
1,2,3-Trichloropropane
Concen: 48.925 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

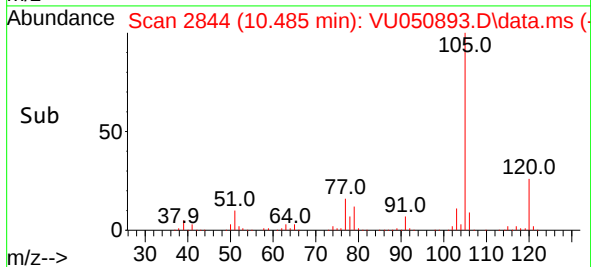
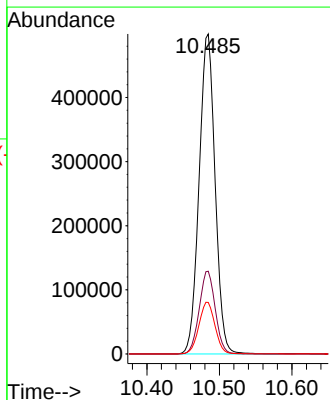
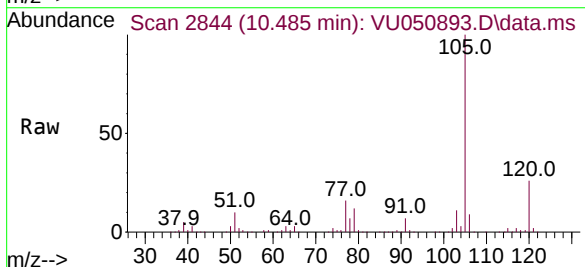
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

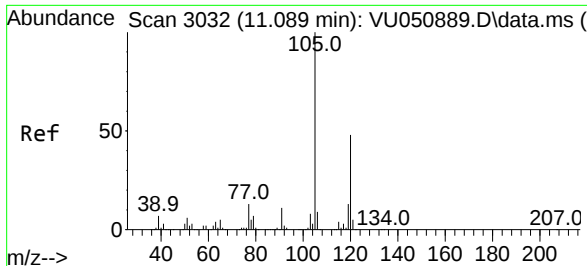
Tgt Ion: 75 Resp: 290232
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
110 35.3 28.6 43.0



#61
Isopropylbenzene
Concen: 50.729 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 105 Resp: 764589
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.3 12.9 19.3

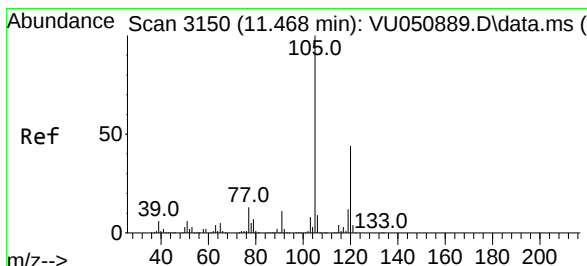
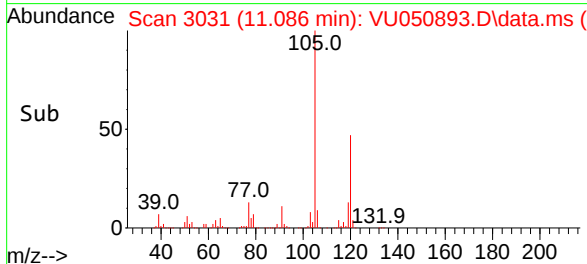
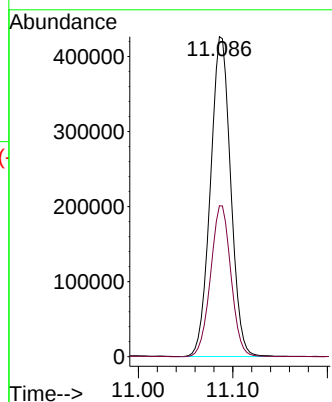
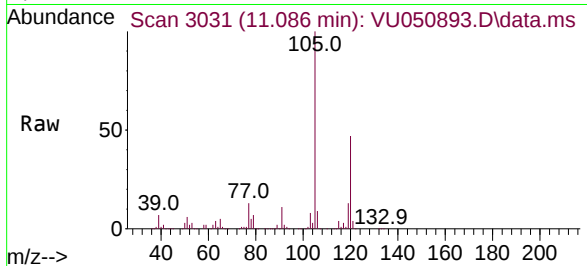




#62
 1,3,5-Trimethylbenzene
 Concen: 51.275 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU050893.D
 Acq: 22 Sep 2022 13:06

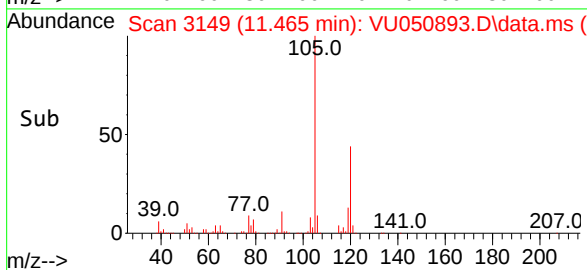
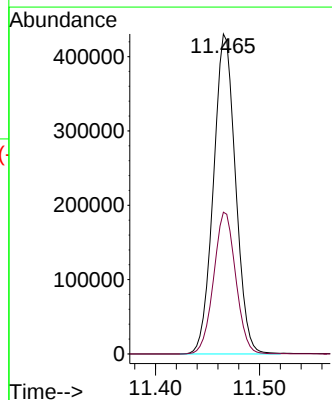
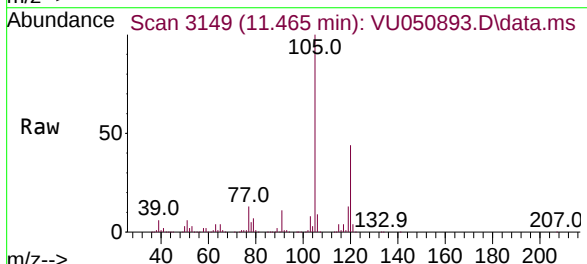
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06MSD

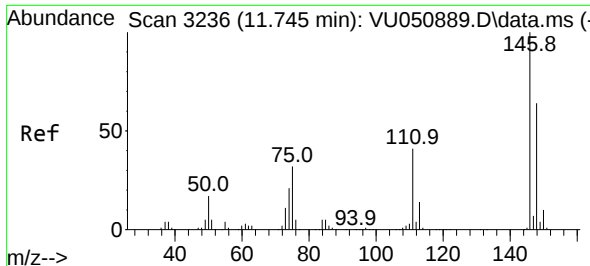
Tgt Ion:105 Resp: 635294
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 51.817 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU050893.D
 Acq: 22 Sep 2022 13:06

Tgt Ion:105 Resp: 635794
 Ion Ratio Lower Upper
 105 100
 120 44.2 34.9 52.3

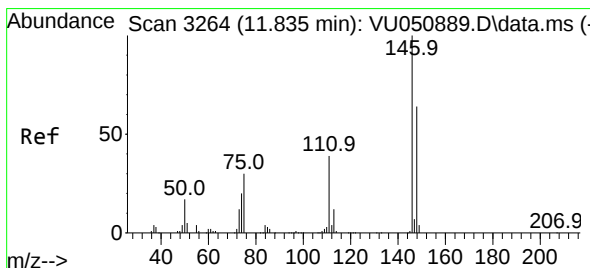
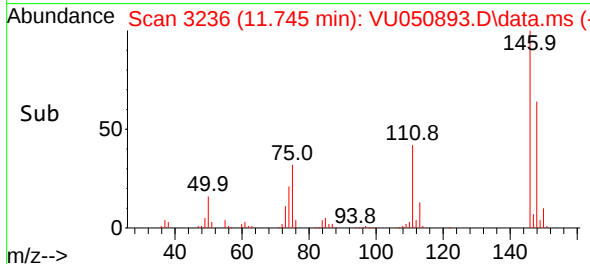
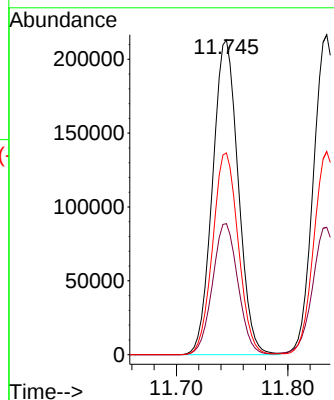
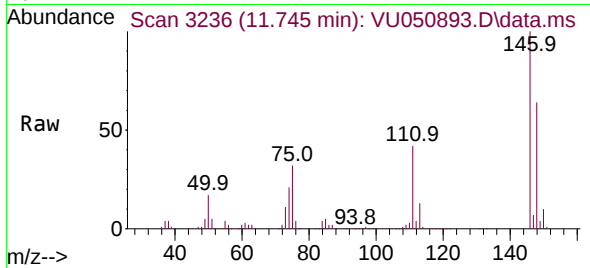




#64
1,3-Dichlorobenzene
Concen: 49.562 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

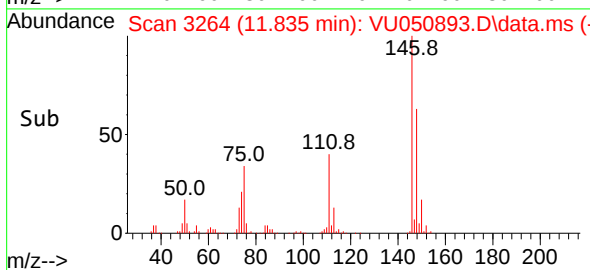
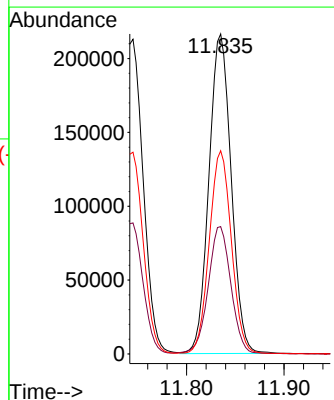
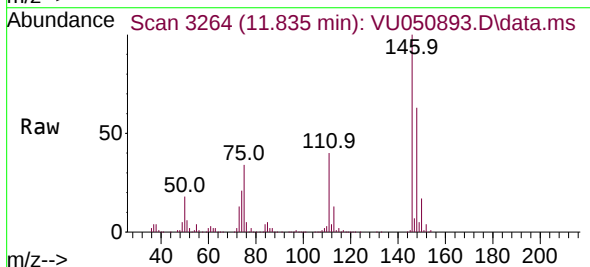
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

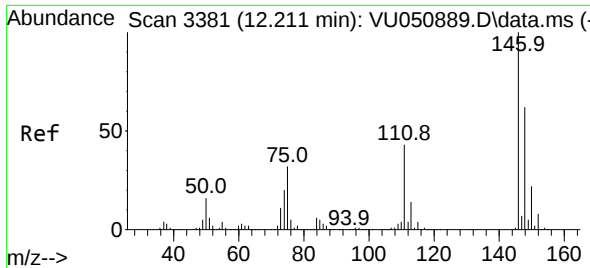
Tgt Ion:146 Resp: 341600
Ion Ratio Lower Upper
146 100
111 41.7 27.9 51.7
148 64.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.005 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion:146 Resp: 342904
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 63.5 45.4 84.2

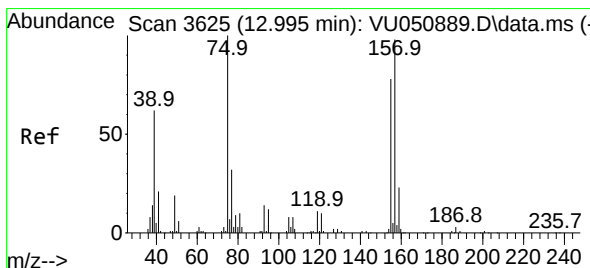
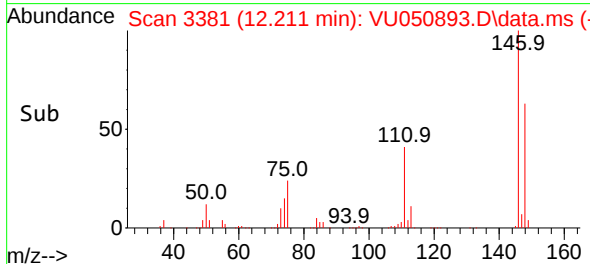
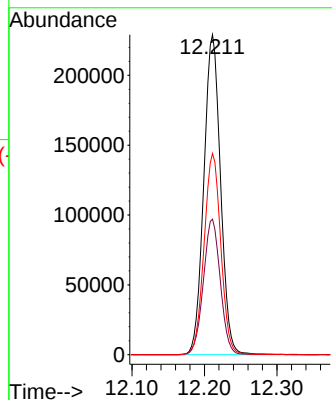
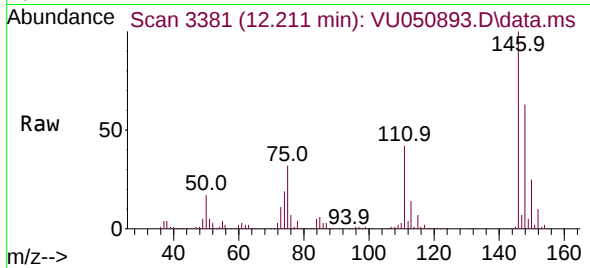




#67
1,2-Dichlorobenzene
Concen: 50.351 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

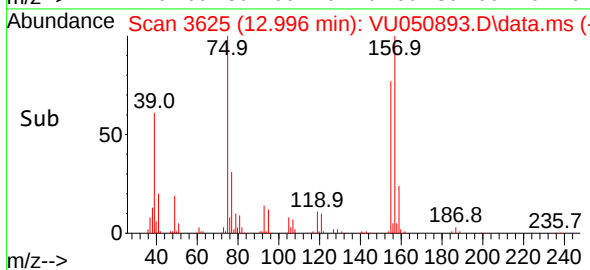
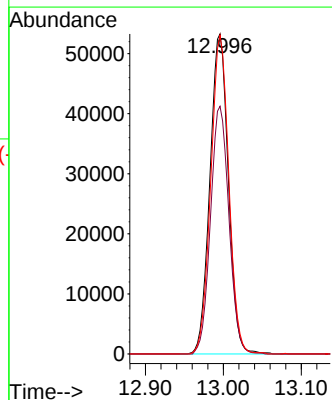
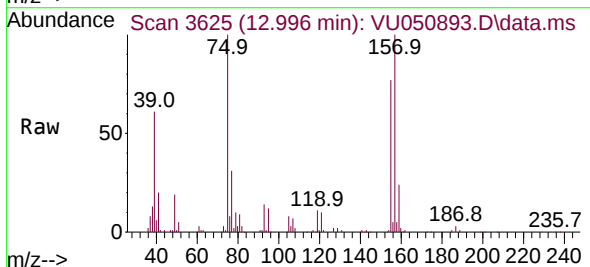
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

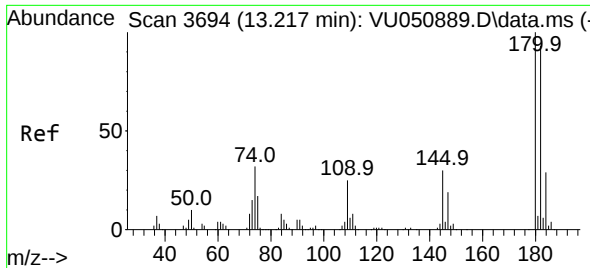
Tgt Ion:146 Resp: 367458
Ion Ratio Lower Upper
146 100
111 42.4 35.2 52.8
148 62.9 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 53.766 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion: 75 Resp: 87723
Ion Ratio Lower Upper
75 100
155 77.4 63.8 95.8
157 104.1 81.8 122.8

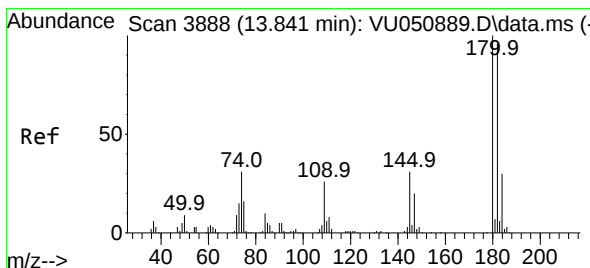
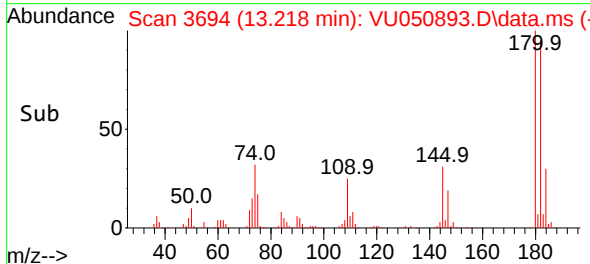
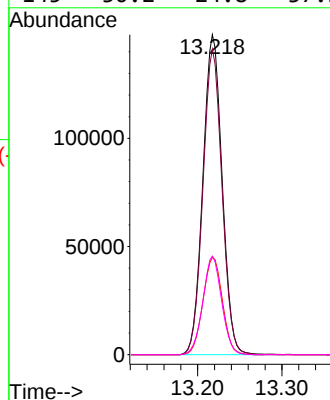
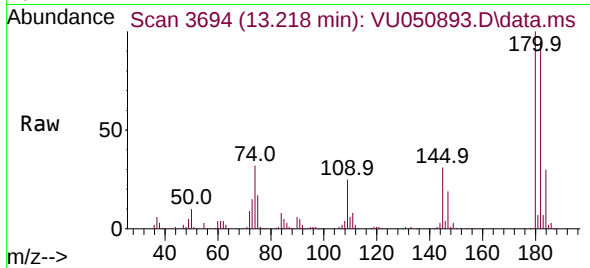




#69
1,3,5-Trichlorobenzene
Concen: 48.739 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

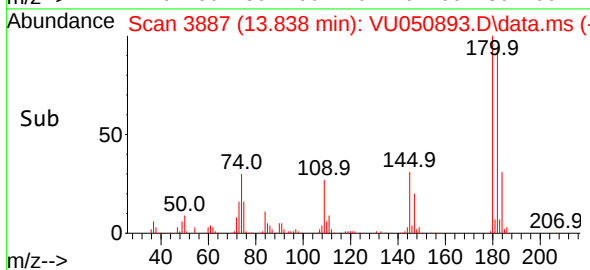
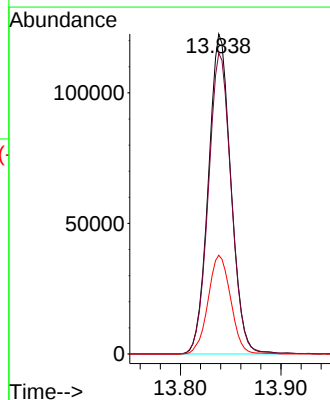
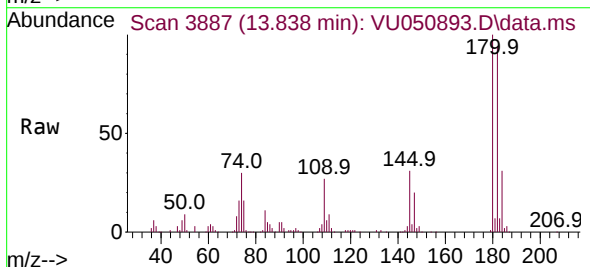
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

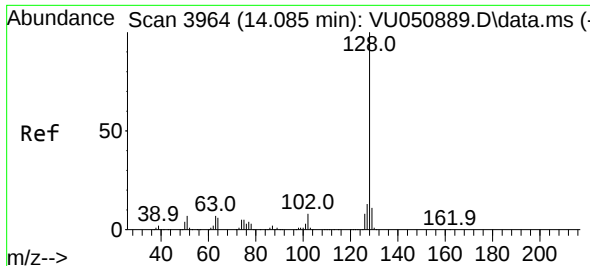
Tgt Ion:180 Resp: 235036
Ion Ratio Lower Upper
180 100
182 94.5 78.2 117.2
184 30.7 24.8 37.2
145 30.2 24.8 37.2



#70
1,2,4-trichlorobenzene
Concen: 48.324 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion:180 Resp: 190705
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 30.9 25.1 37.7

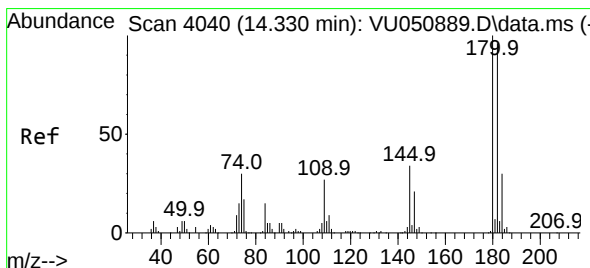
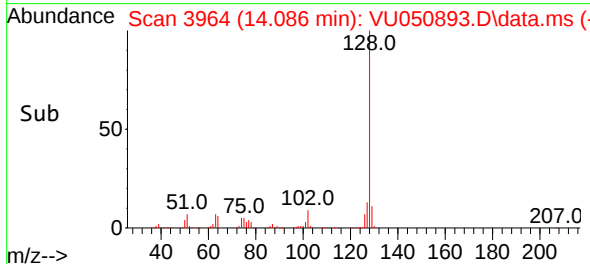
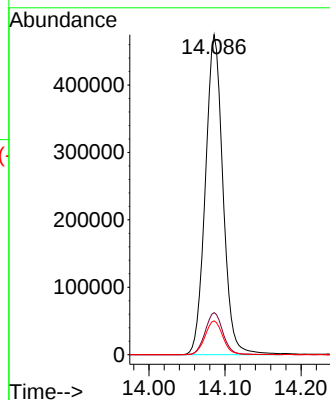
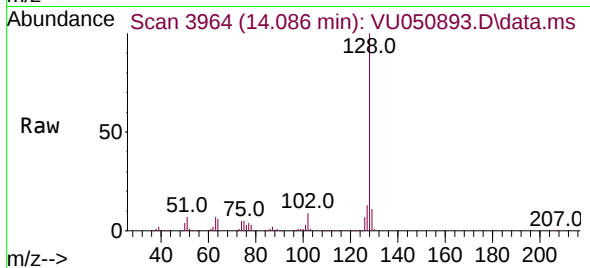




#71
Naphthalene
Concen: 50.328 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Instrument :
MSVOA_U
ClientSampleId :
EXZ06MSD

Tgt Ion:128 Resp: 763327
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.904 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU050893.D
Acq: 22 Sep 2022 13:06

Tgt Ion:180 Resp: 224834
Ion Ratio Lower Upper
180 100
182 94.1 76.9 115.3
145 31.8 26.3 39.5

