

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092222\
 Data File : U092222.D
 Acq On : 22 Sep 2022 12:42
 Operator : JC/MD
 Sample : N4650-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06MS

Quant Time: Sep 23 01:09:44 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	6.250	114	434270	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	412412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	201845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161075	35.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.600%
7) Chloroethane-d5	1.900	69	139693	43.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.180%
11) 1,1-Dichloroethene-d2	2.565	63	298795	42.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.360%
21) 2-Butanone-d5	4.620	46	323987	111.537	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.540%
24) Chloroform-d	5.063	84	332769	47.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
26) 1,2-Dichloroethane-d4	5.700	65	205787	47.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
32) Benzene-d6	5.726	84	636691	46.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
36) 1,2-Dichloropropane-d6	6.690	67	216938	47.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.620%
41) Toluene-d8	7.896	98	560569	47.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.420%
43) trans-1,3-Dichloroprop...	8.179	79	93010	46.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.632	63	203481	107.687	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.690%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	347745	49.744	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	12.192	152	197493	46.731	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	212854	47.335	ug/L	98
3) Chloromethane	1.520	50	235774	45.101	ug/L	100
5) Vinyl chloride	1.601	62	241959	47.277	ug/L	99
6) Bromomethane	1.839	94	140894	54.494	ug/L	98
8) Chloroethane	1.922	64	141330	49.877	ug/L	98
9) Trichlorofluoromethane	2.131	101	286884	51.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	180884	50.907	ug/L	100
12) 1,1-Dichloroethene	2.575	96	177822	53.262	ug/L	91
13) Acetone	2.623	43	211481	85.983	ug/L	100
14) Carbon disulfide	2.790	76	496666	47.045	ug/L	99
15) Methyl Acetate	2.945	43	224823	48.437	ug/L	97
16) Methylene chloride	3.041	84	200280	43.204	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	169519	49.540	ug/L	100
18) Methyl tert-butyl Ether	3.363	73	509936	48.883	ug/L	99
19) 1,1-Dichloroethane	3.867	63	379440	54.878	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	202093	53.265	ug/L	95
22) 2-Butanone	4.700	43	332197	102.465	ug/L	99
23) Bromochloromethane	4.973	128	97559	49.061	ug/L	95
25) Chloroform	5.086	83	342387	49.688	ug/L	98

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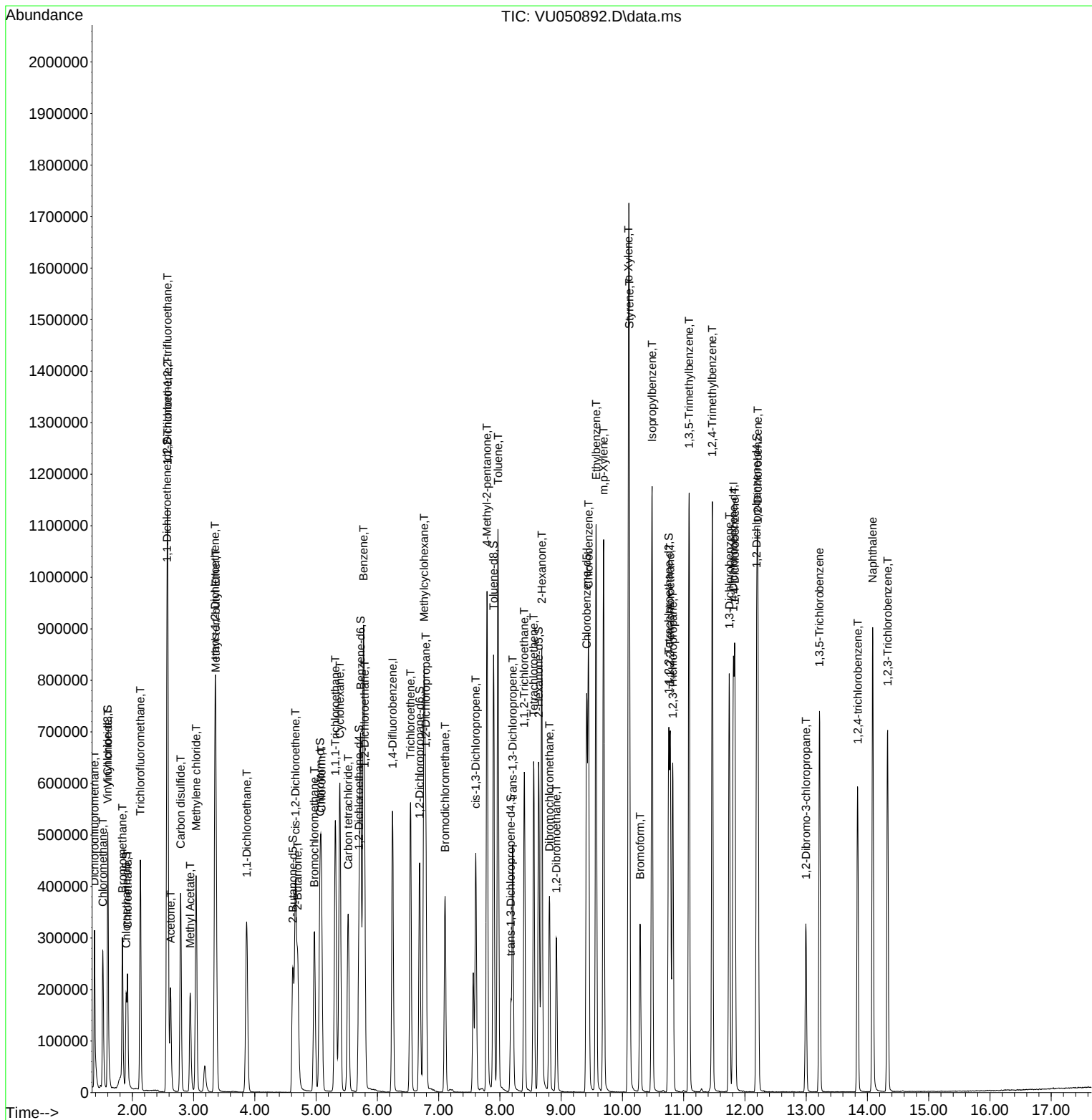
Instrument :
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 ClientSampleId :
 EXZ06MS

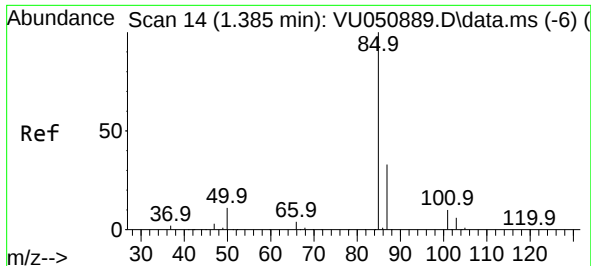
Quant Time: Sep 23 01:09:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	258623	49.387	ug/L	100
29) Cyclohexane	5.388	56	286361	50.456	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	378826	69.045	ug/L	98
31) Carbon tetrachloride	5.523	117	234641	51.479	ug/L	99
33) Benzene	5.774	78	769487	50.700	ug/L	100
34) Trichloroethene	6.539	95	196389	55.705	ug/L	99
35) Methylcyclohexane	6.764	83	297738	52.414	ug/L	98
37) 1,2-Dichloropropane	6.790	63	205449	49.468	ug/L	100
38) Bromodichloromethane	7.105	83	251015	50.728	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	267487	48.130	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	609502	106.488	ug/L	99
42) Toluene	7.970	91	791825	52.554	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	268767	50.837	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	194081	50.709	ug/L	99
46) Tetrachloroethene	8.552	164	138918	54.833	ug/L	97
48) 2-Hexanone	8.684	43	518471	108.406	ug/L	99
49) Dibromochloromethane	8.809	129	191779	51.103	ug/L	99
50) 1,2-Dibromoethane	8.922	107	199734	50.299	ug/L	98
51) Chlorobenzene	9.446	112	454082	49.365	ug/L	98
52) Ethylbenzene	9.571	91	766072	50.966	ug/L	99
53) m,p-Xylene	9.694	106	297263	53.195	ug/L	99
54) o-Xylene	10.099	106	291465	52.347	ug/L	100
55) Styrene	10.115	104	502884	52.679	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	339115	47.884	ug/L	100
59) Bromoform	10.288	173	142990	49.082	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	273798	48.226	ug/L	100
61) Isopropylbenzene	10.484	105	732238	50.763	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	601878	50.758	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	600020	51.096	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	320192	48.541	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	323476	48.303	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	345263	49.433	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	83095	53.215	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	222399	48.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	179491	47.524	ug/L	99
71) Naphthalene	14.086	128	703424	48.460	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	212417	50.251	ug/L	98

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

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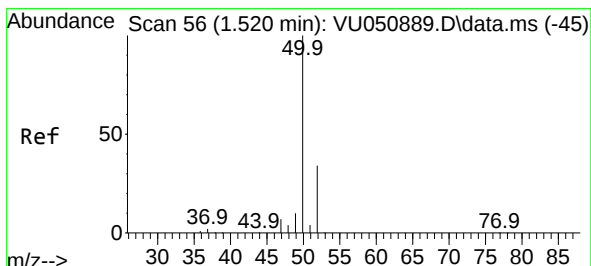
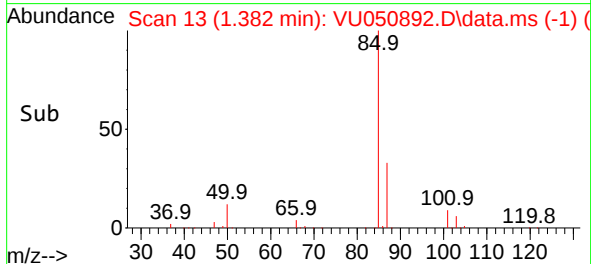
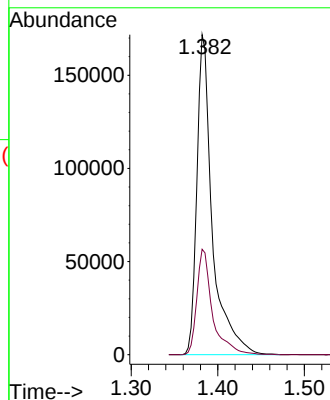
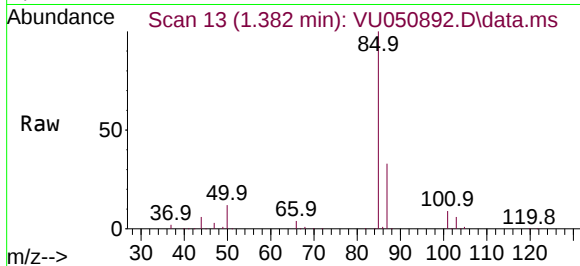




#2
Dichlorodifluoromethane
Concen: 47.335 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

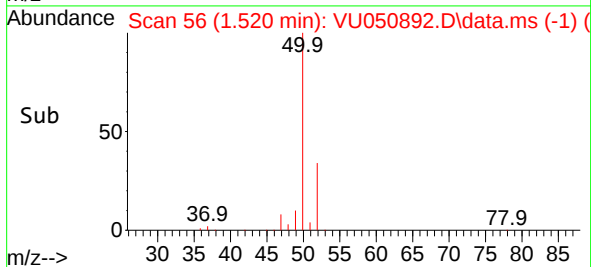
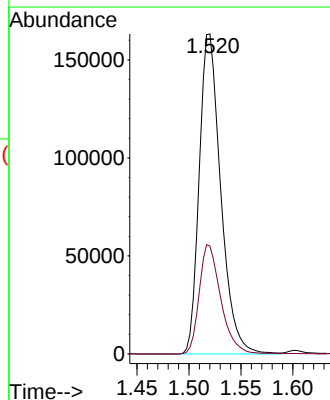
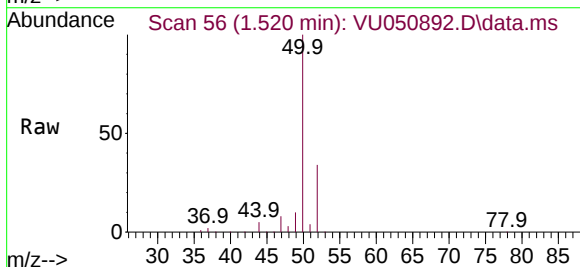
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

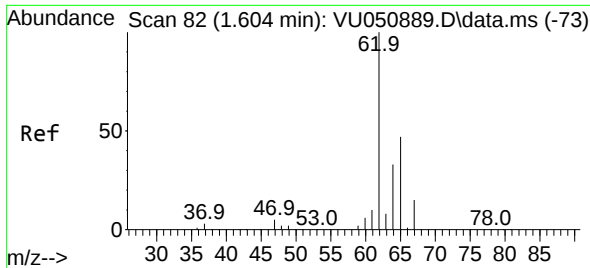
Tgt Ion: 85 Resp: 212854
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.8



#3
Chloromethane
Concen: 45.101 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 50 Resp: 235774
Ion Ratio Lower Upper
50 100
52 33.7 23.7 43.9

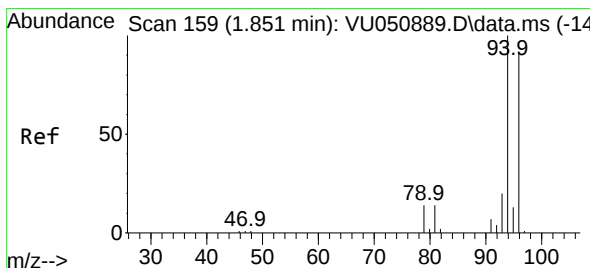
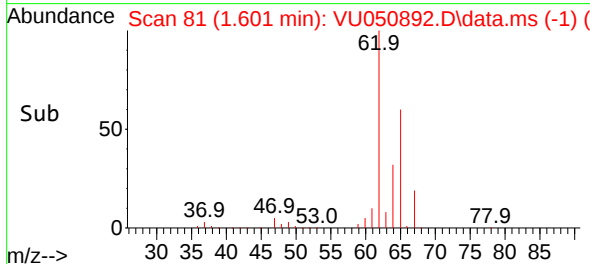
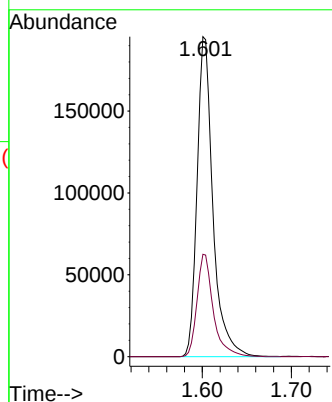
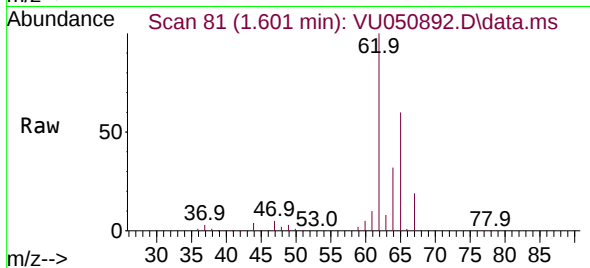




#5
 Vinyl chloride
 Concen: 47.277 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050892.D
 Acq: 22 Sep 2022 12:42

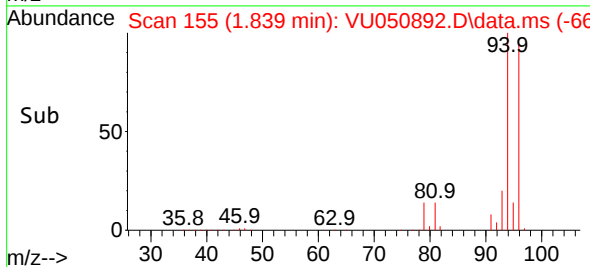
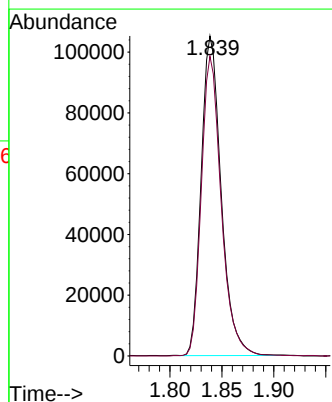
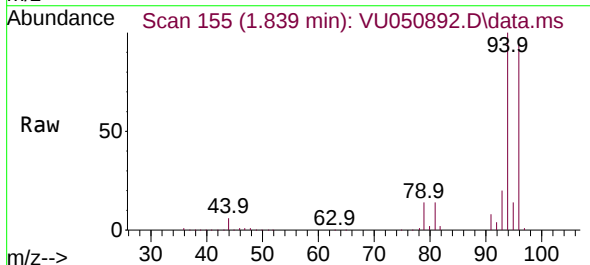
Instrument :
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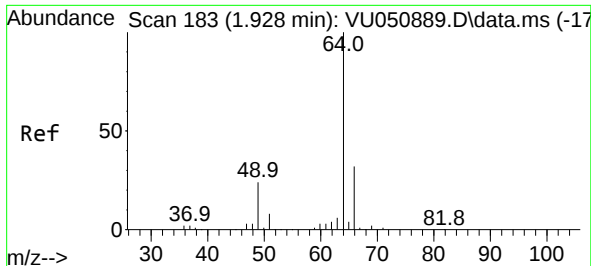
Tgt Ion: 62 Resp: 241959
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.2 41.2



#6
 Bromomethane
 Concen: 54.494 ug/L
 RT: 1.839 min Scan# 155
 Delta R.T. -0.013 min
 Lab File: VU050892.D
 Acq: 22 Sep 2022 12:42

Tgt Ion: 94 Resp: 140894
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.0 119.0





#8

Chloroethane

Concen: 49.877 ug/L

RT: 1.922 min Scan# 181

Delta R.T. -0.006 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

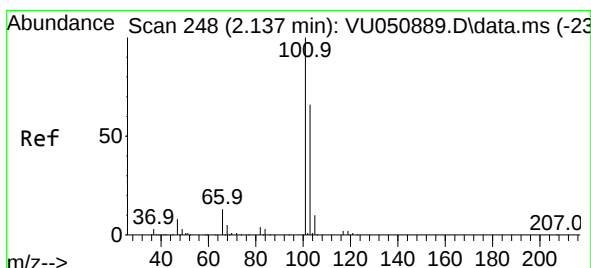
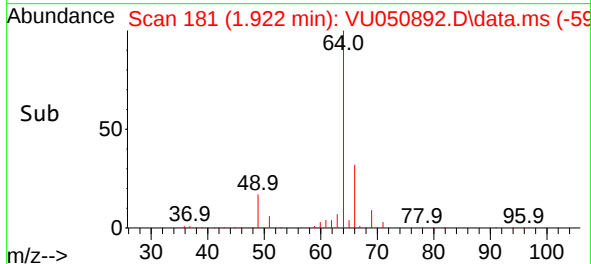
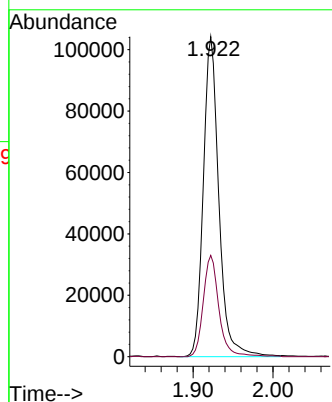
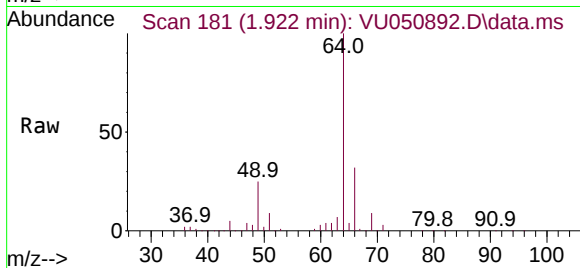
EXZ06MS

Tgt Ion: 64 Resp: 141330

Ion Ratio Lower Upper

64 100

66 31.6 22.9 42.5



#9

Trichlorofluoromethane

Concen: 51.679 ug/L

RT: 2.131 min Scan# 246

Delta R.T. -0.006 min

Lab File: VU050892.D

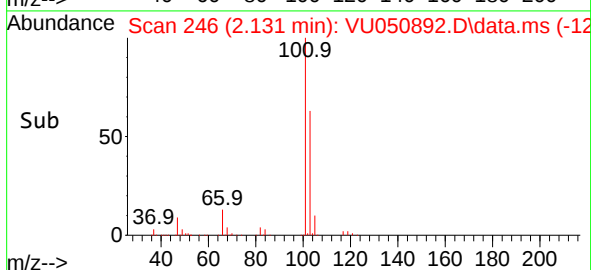
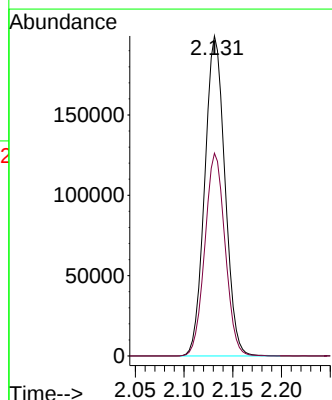
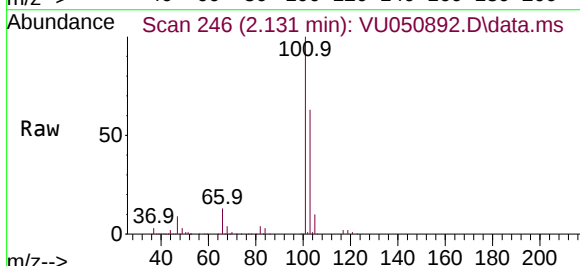
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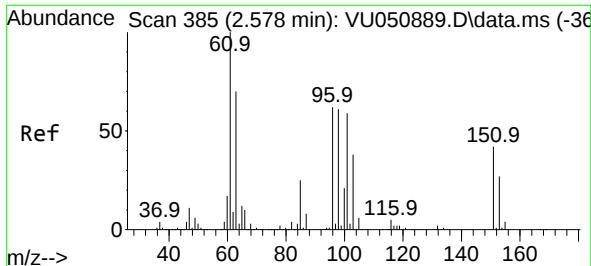
Tgt Ion:101 Resp: 286884

Ion Ratio Lower Upper

101 100

103 63.4 50.9 76.3

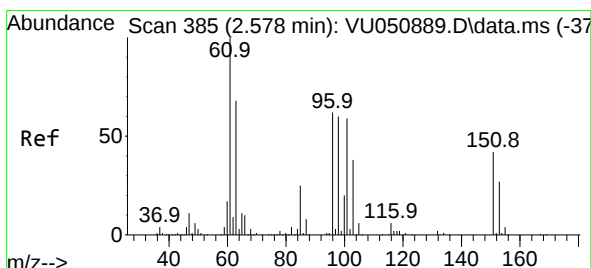
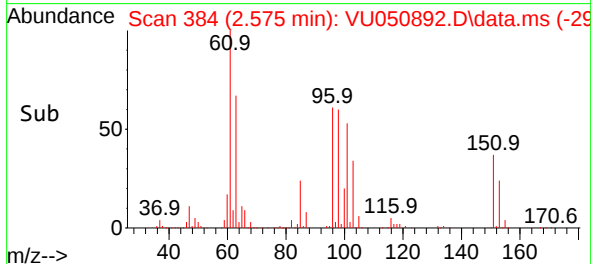
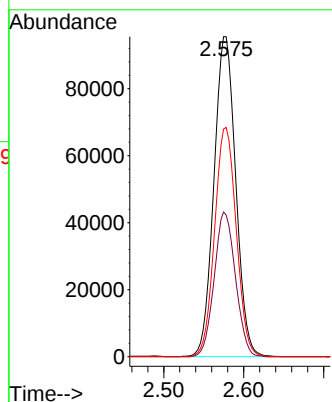
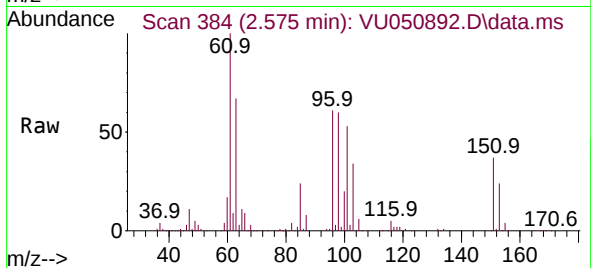




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.907 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050892.D
 Acq: 22 Sep 2022 12:42

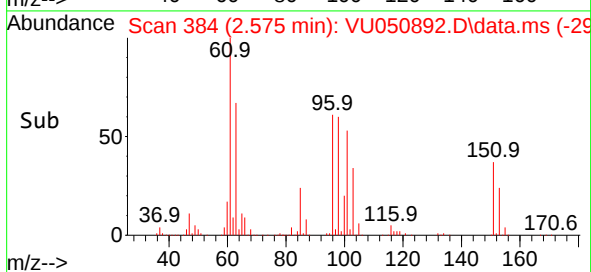
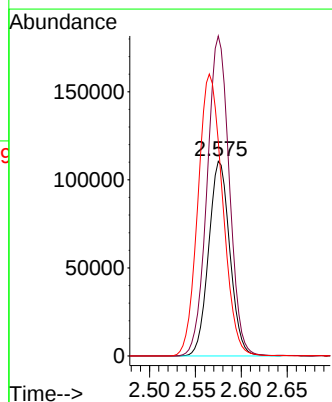
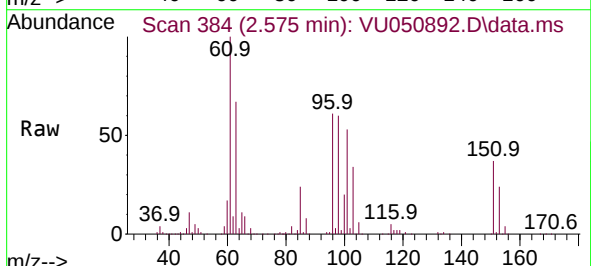
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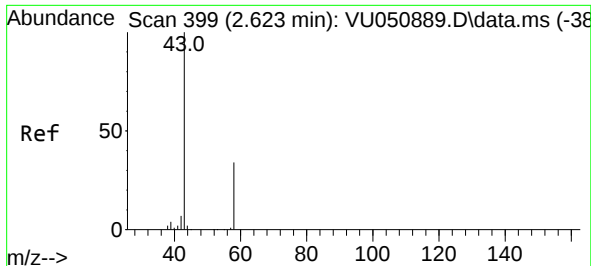
Tgt Ion:101 Resp: 180884
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 71.0 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 53.262 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050892.D
 Acq: 22 Sep 2022 12:42

Tgt Ion: 96 Resp: 177822
 Ion Ratio Lower Upper
 96 100
 61 164.4 118.6 220.2
 63 110.2 90.4 168.0





#13

Acetone

Concen: 85.983 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

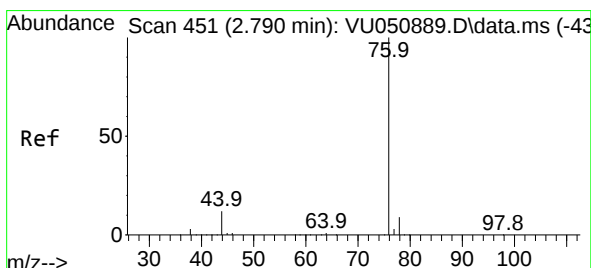
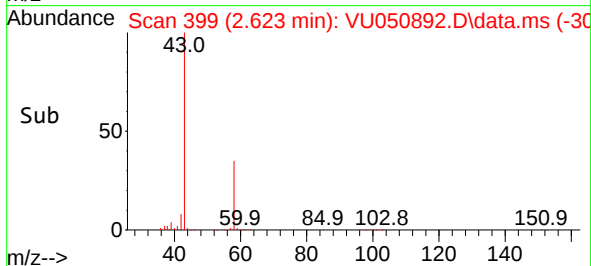
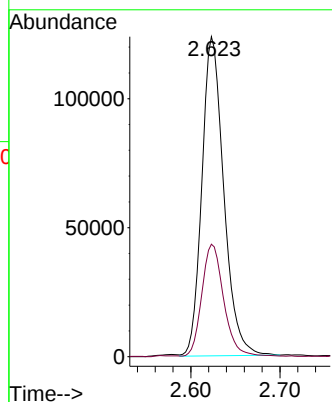
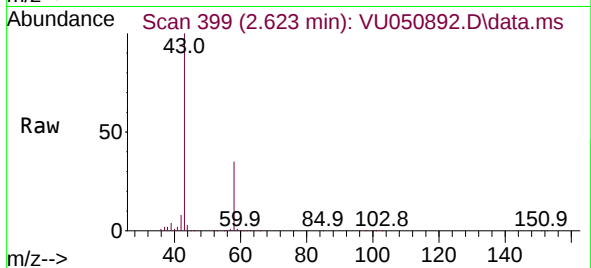
EXZ06MS

Tgt Ion: 43 Resp: 211481

Ion Ratio Lower Upper

43 100

58 35.5 0.0 71.4



#14

Carbon disulfide

Concen: 47.045 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050892.D

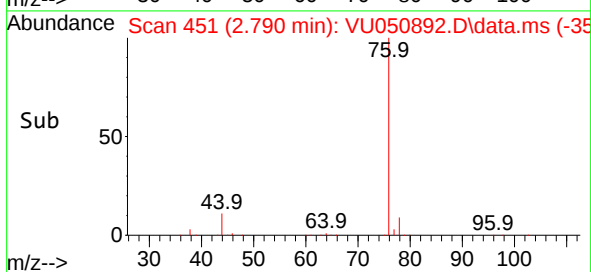
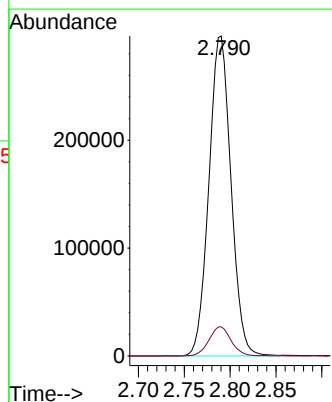
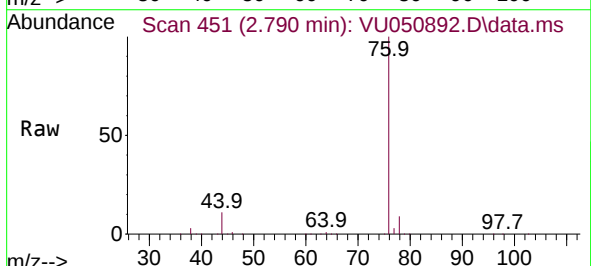
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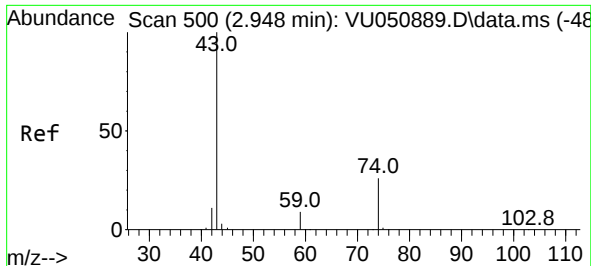
Tgt Ion: 76 Resp: 496666

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

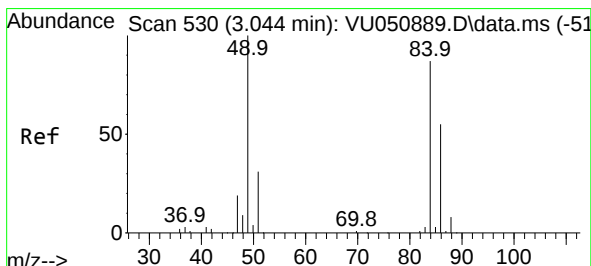
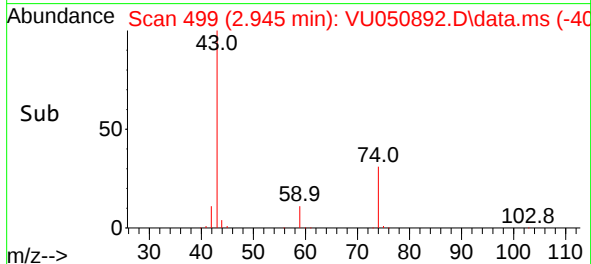
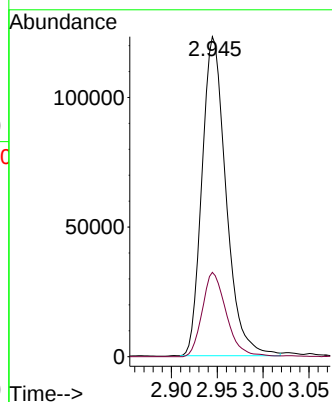
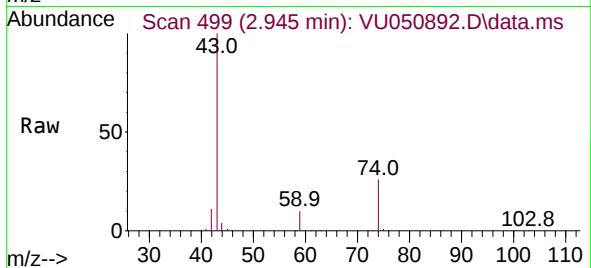




#15
Methyl Acetate
Concen: 48.437 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

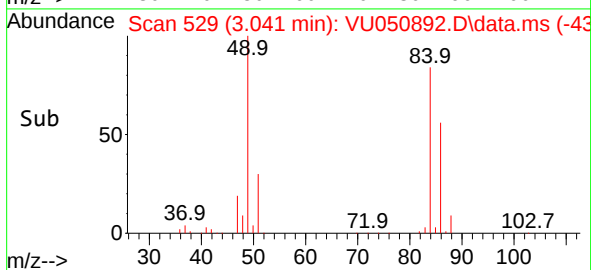
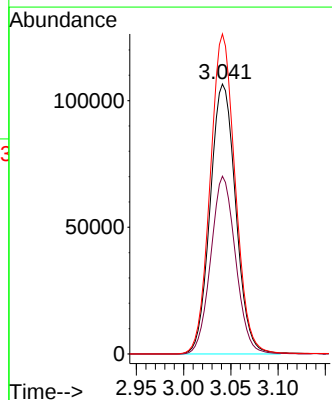
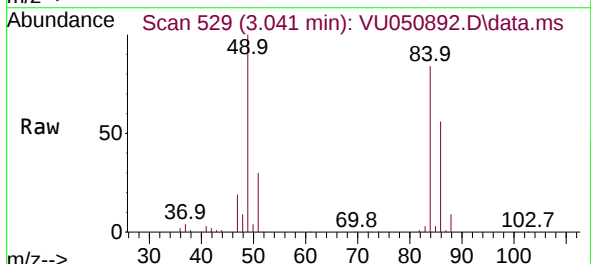
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

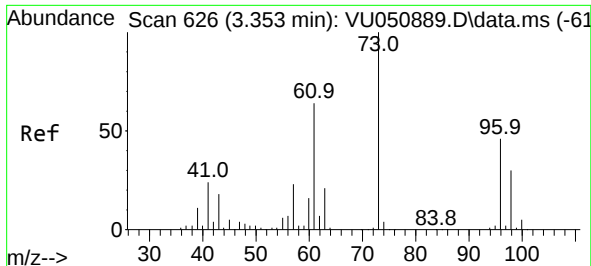
Tgt Ion: 43 Resp: 224823
Ion Ratio Lower Upper
43 100
74 26.4 19.9 29.9



#16
Methylene chloride
Concen: 43.204 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 84 Resp: 200280
Ion Ratio Lower Upper
84 100
86 65.9 44.4 82.5
49 118.6 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 49.540 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

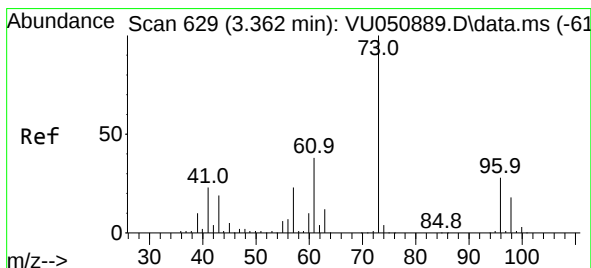
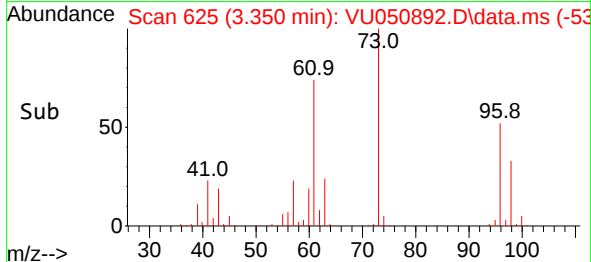
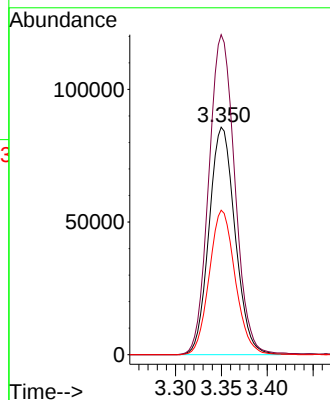
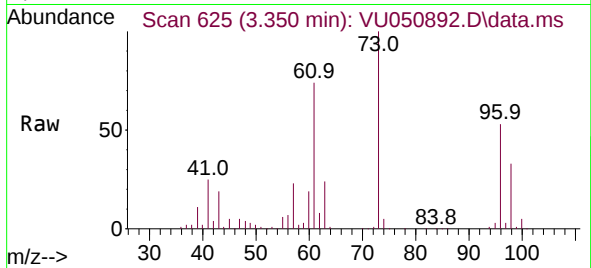
Tgt Ion: 96 Resp: 169519

Ion Ratio Lower Upper

96 100

61 140.6 98.0 182.0

98 63.5 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 48.883 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

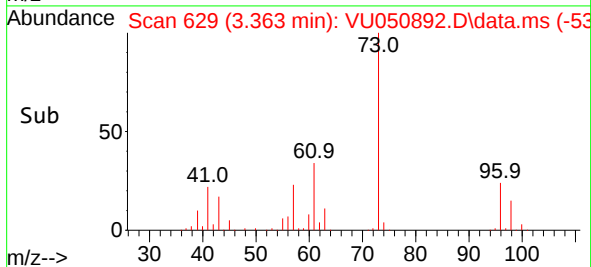
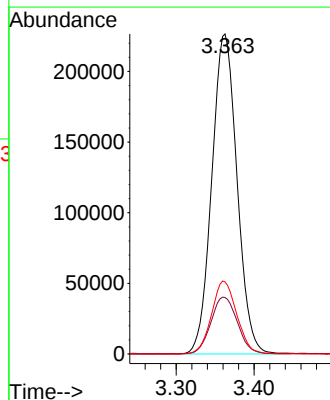
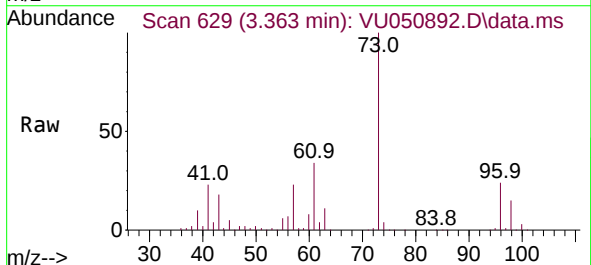
Tgt Ion: 73 Resp: 509936

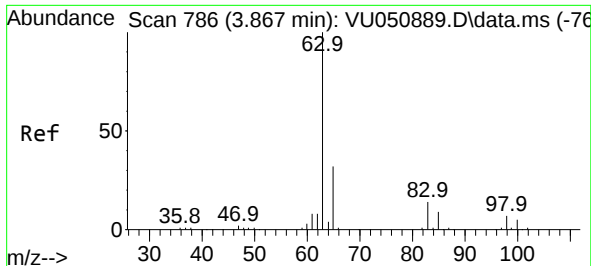
Ion Ratio Lower Upper

73 100

43 18.4 14.4 21.6

57 22.8 18.6 27.8

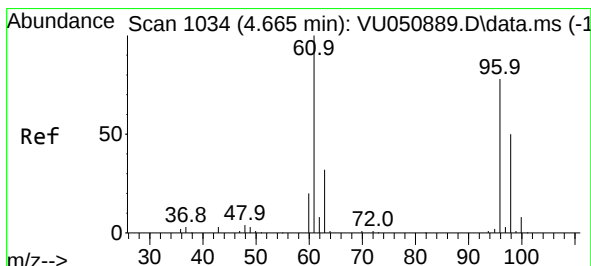
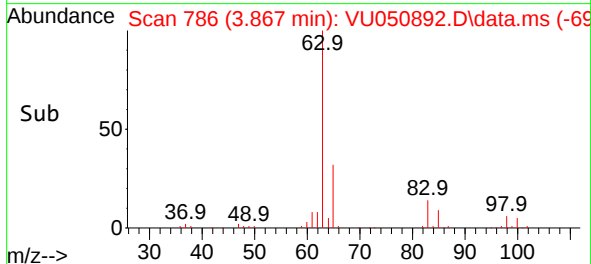
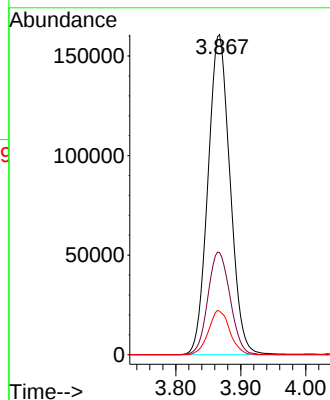
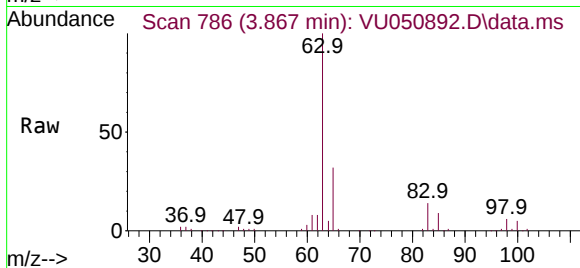




#19
1,1-Dichloroethane
Concen: 54.878 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

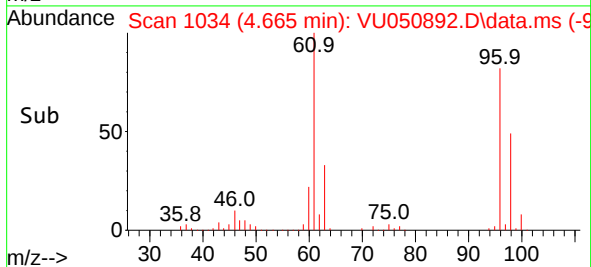
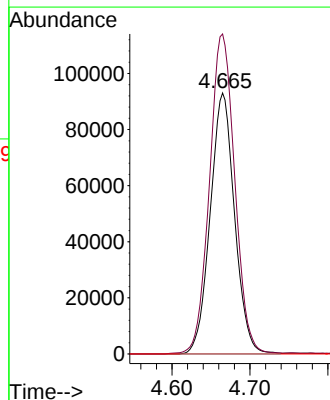
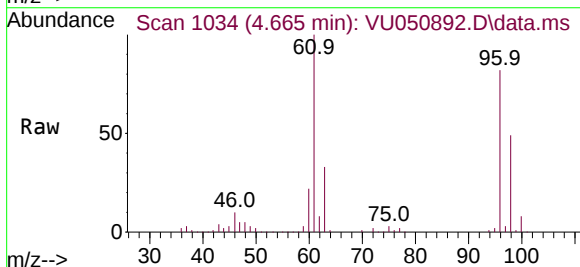
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

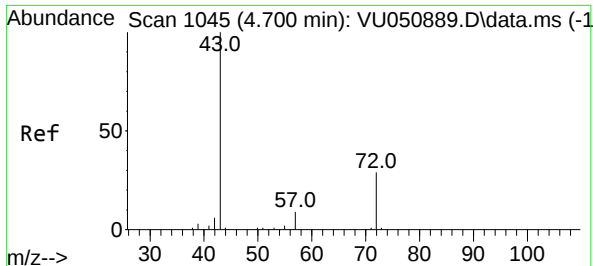
Tgt Ion: 63 Resp: 379440
Ion Ratio Lower Upper
63 100
65 31.9 21.5 39.9
83 13.6 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 53.265 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 96 Resp: 202093
Ion Ratio Lower Upper
96 100
61 122.6 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.465 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

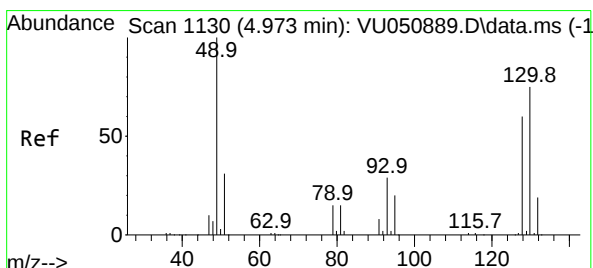
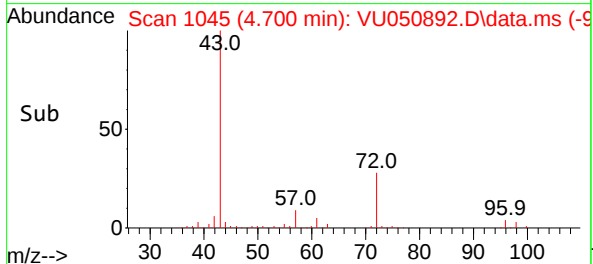
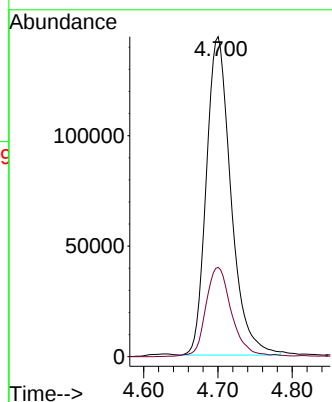
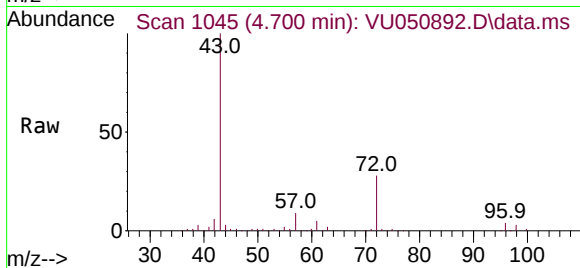
EXZ06MS

Tgt Ion: 43 Resp: 332197

Ion Ratio Lower Upper

43 100

72 29.2 14.8 44.3



#23

Bromochloromethane

Concen: 49.061 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Tgt Ion:128 Resp: 97559

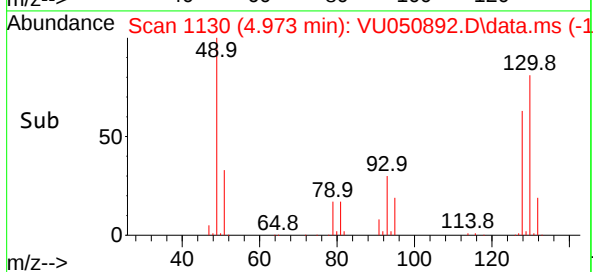
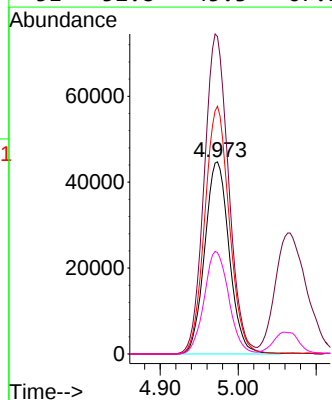
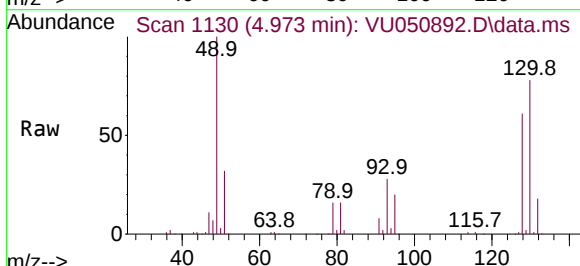
Ion Ratio Lower Upper

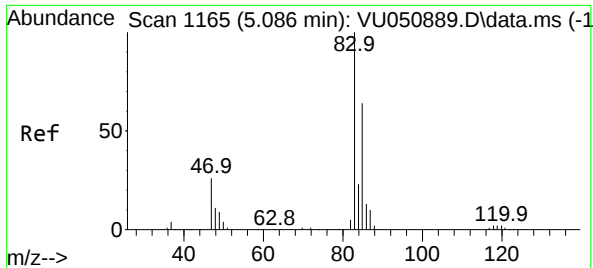
128 100

49 165.2 123.1 228.5

130 128.9 90.9 168.7

51 52.8 45.3 67.9

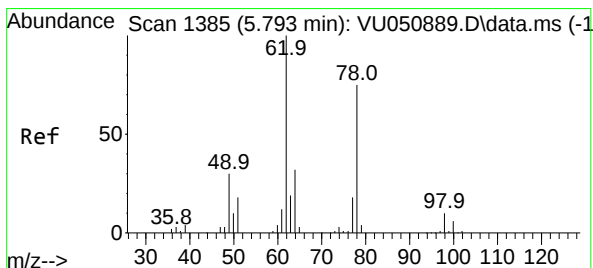
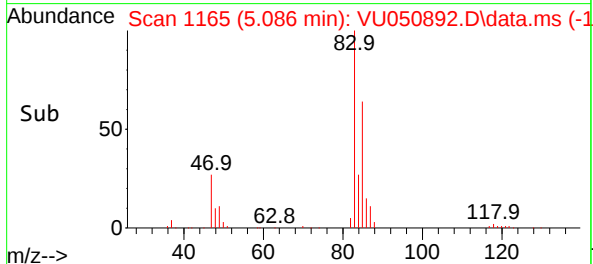
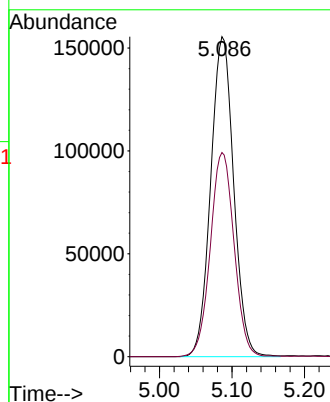
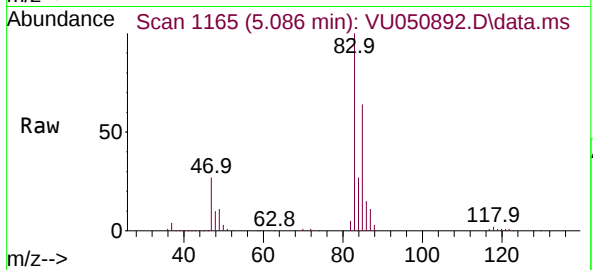




#25
Chloroform
Concen: 49.688 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

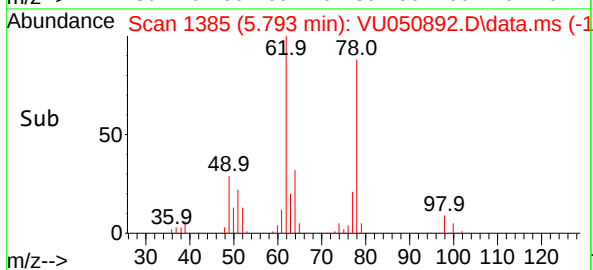
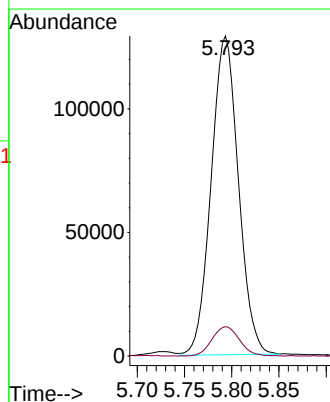
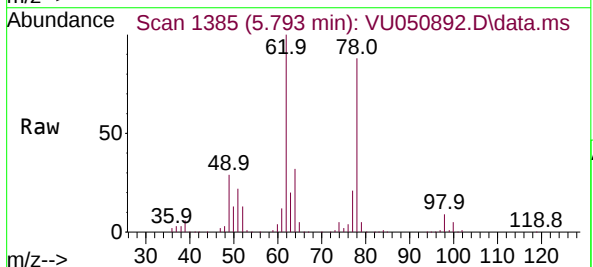
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

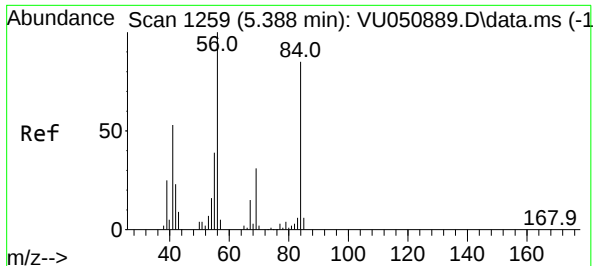
Tgt Ion: 83 Resp: 342387
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 49.387 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 62 Resp: 258623
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 50.456 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

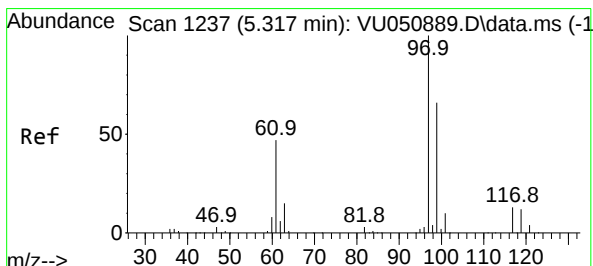
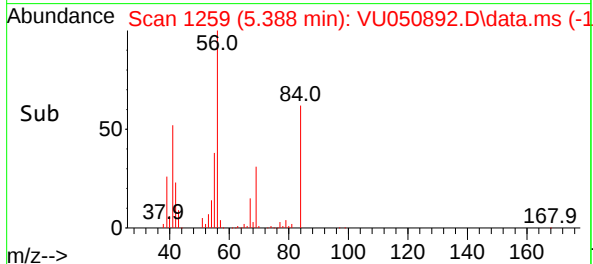
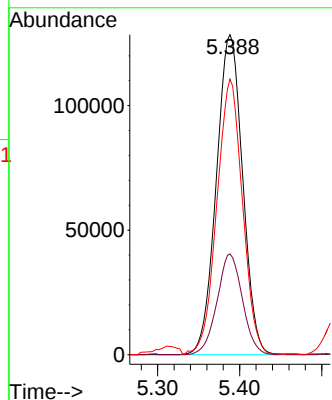
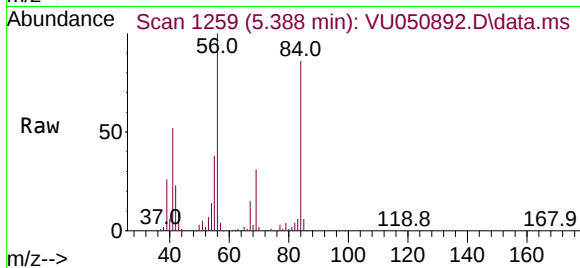
Tgt Ion: 56 Resp: 286361

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 83.4 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 69.045 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

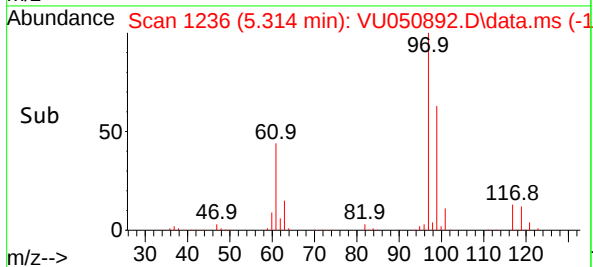
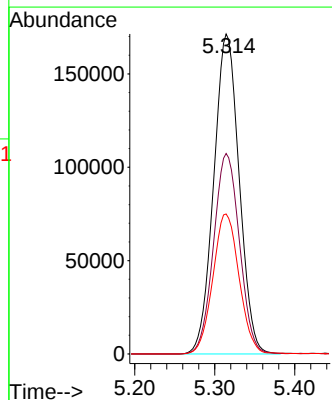
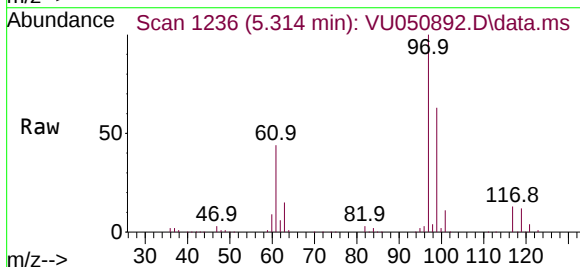
Tgt Ion: 97 Resp: 378826

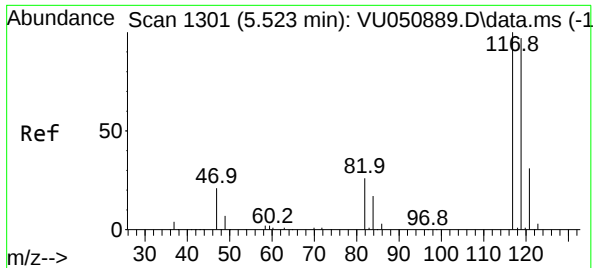
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 45.2 37.1 55.7

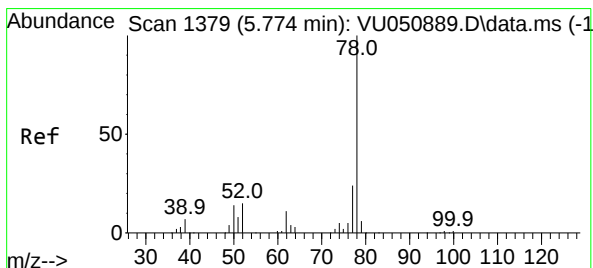
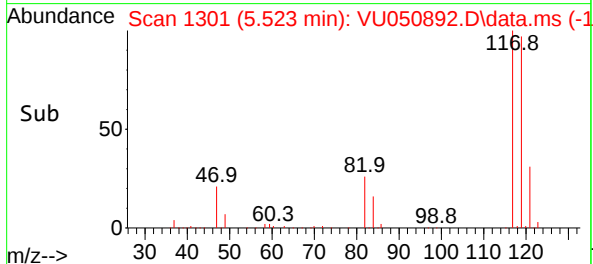
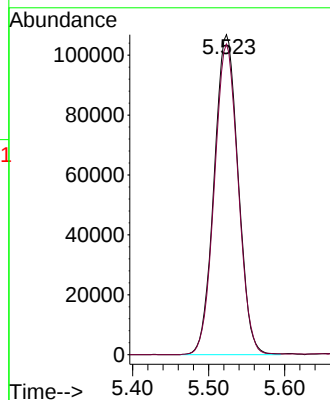
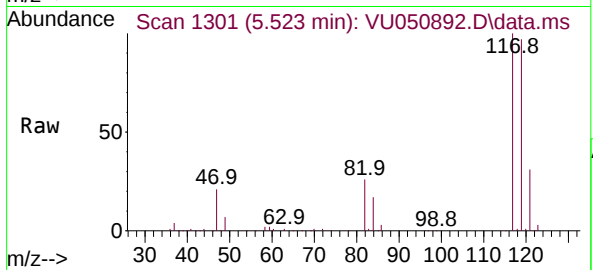




#31
Carbon tetrachloride
Concen: 51.479 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

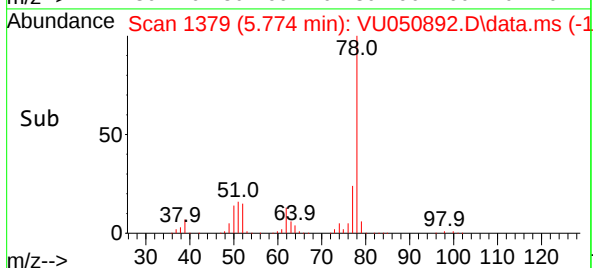
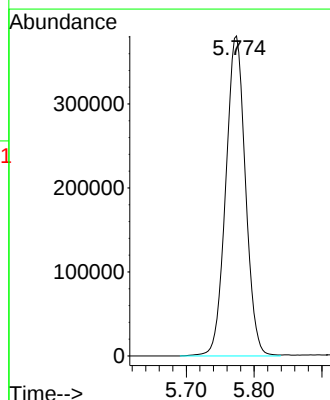
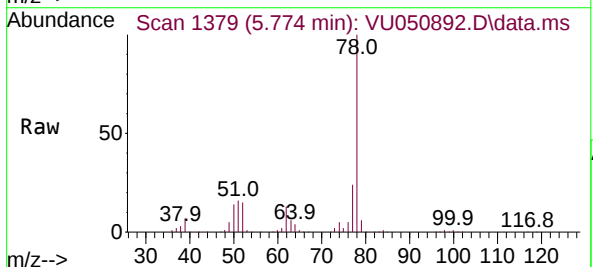
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

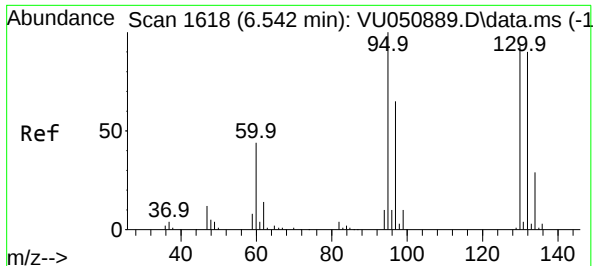
Tgt Ion:117 Resp: 234641
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0



#33
Benzene
Concen: 50.700 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 78 Resp: 769487





#34

Trichloroethene

Concen: 55.705 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

Tgt Ion: 95 Resp: 196389

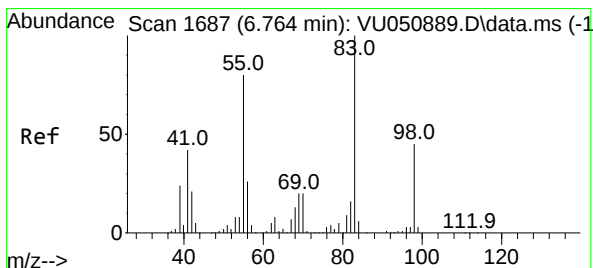
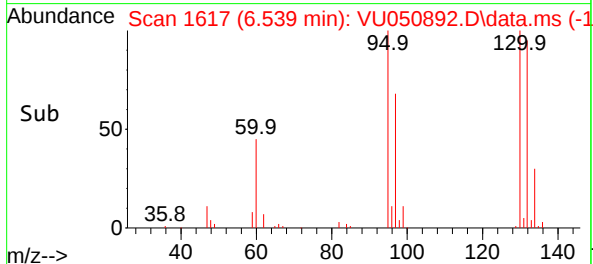
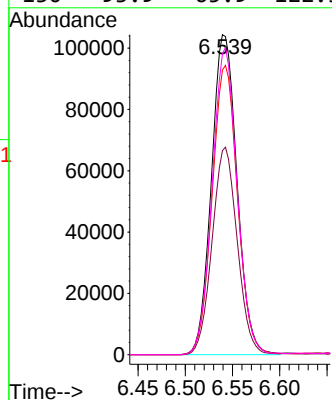
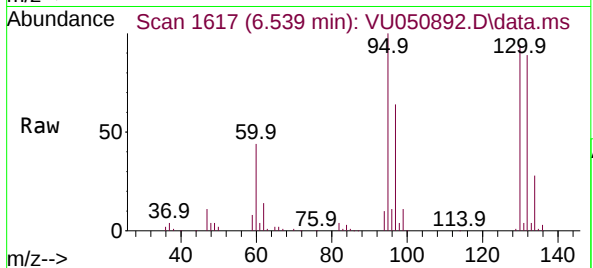
Ion Ratio Lower Upper

95 100

97 63.8 43.9 81.5

132 88.9 63.1 117.1

130 93.9 65.9 122.3



#35

Methylcyclohexane

Concen: 52.414 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

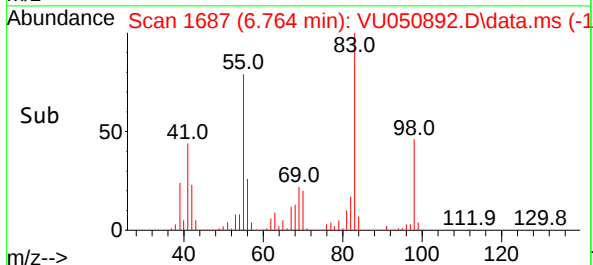
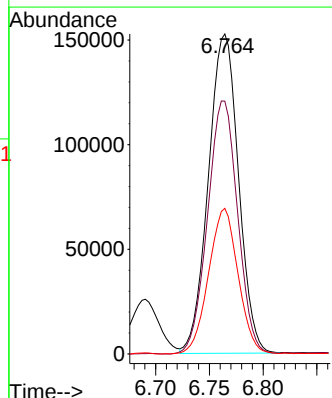
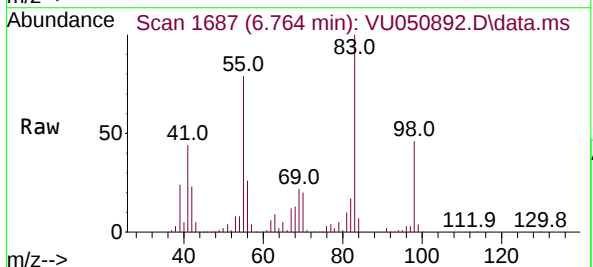
Tgt Ion: 83 Resp: 297738

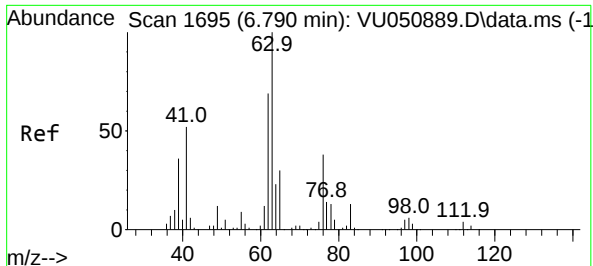
Ion Ratio Lower Upper

83 100

55 79.1 64.7 97.1

98 44.7 35.2 52.8

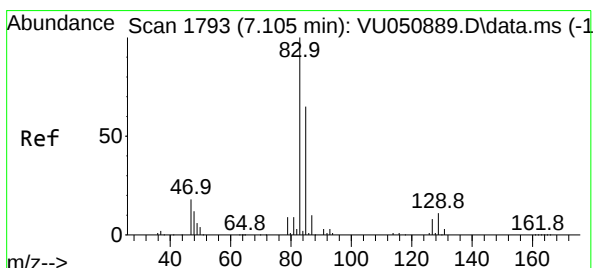
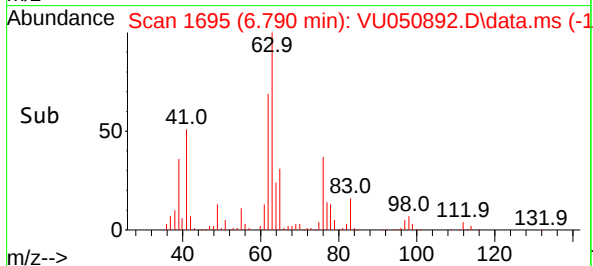
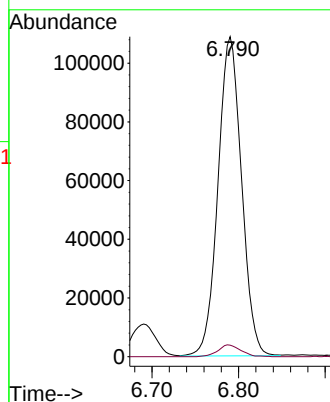
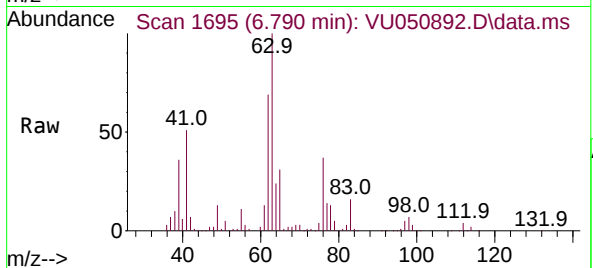




#37
1,2-Dichloropropane
Concen: 49.468 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

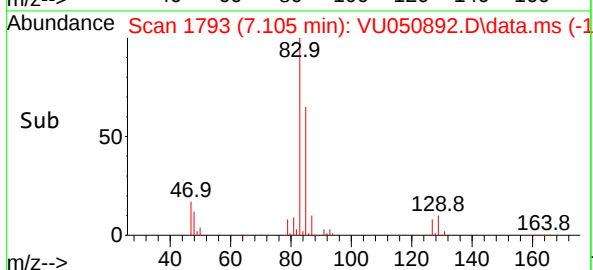
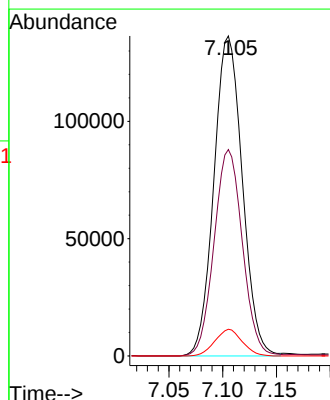
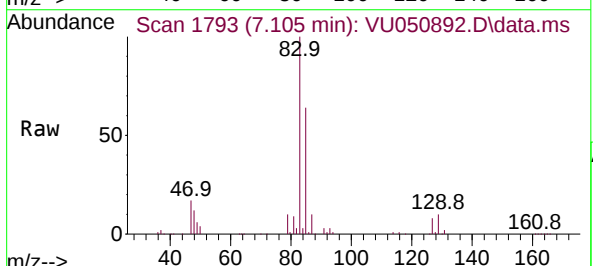
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

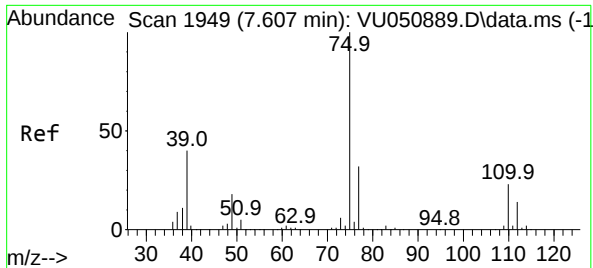
Tgt Ion: 63 Resp: 205449
Ion Ratio Lower Upper
63 100
112 3.6 2.9 4.3



#38
Bromodichloromethane
Concen: 50.728 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 83 Resp: 251015
Ion Ratio Lower Upper
83 100
85 64.5 44.3 82.3
127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 48.130 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

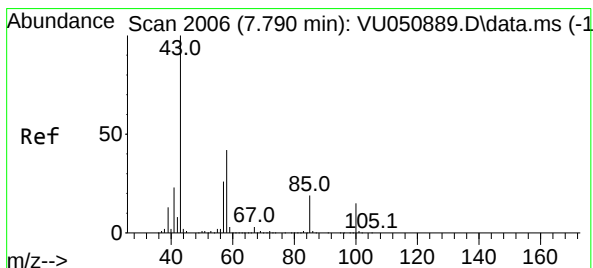
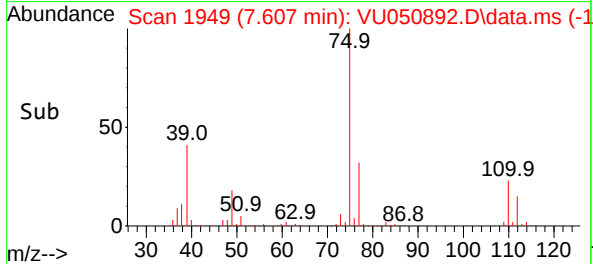
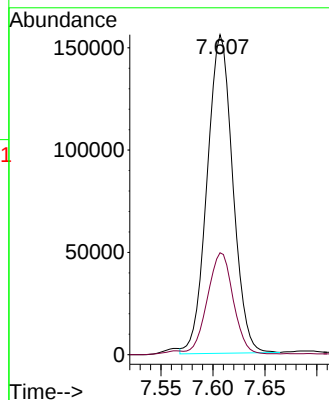
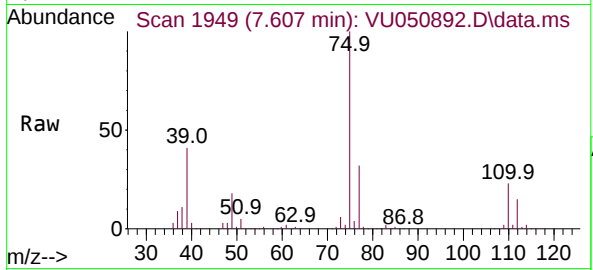
EXZ06MS

Tgt Ion: 75 Resp: 267487

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 106.488 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

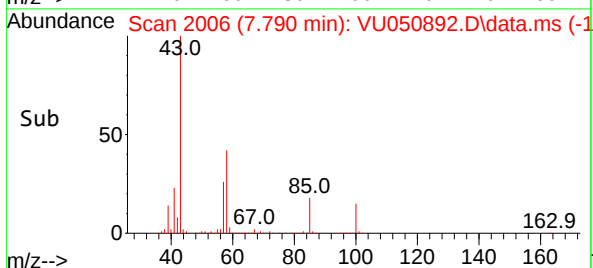
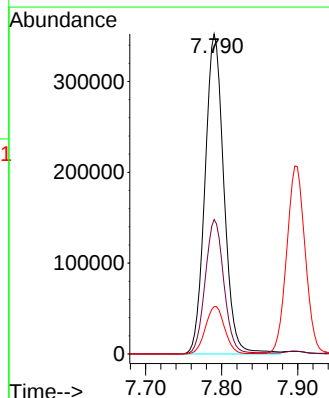
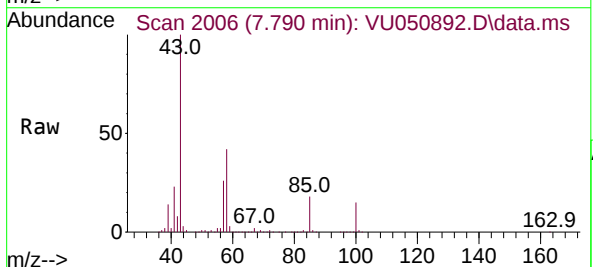
Tgt Ion: 43 Resp: 609502

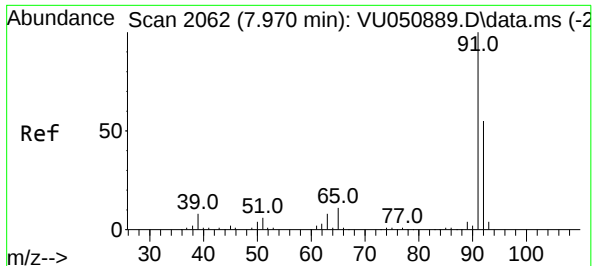
Ion Ratio Lower Upper

43 100

58 41.6 33.8 50.6

100 15.1 12.0 18.0





#42

Toluene

Concen: 52.554 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

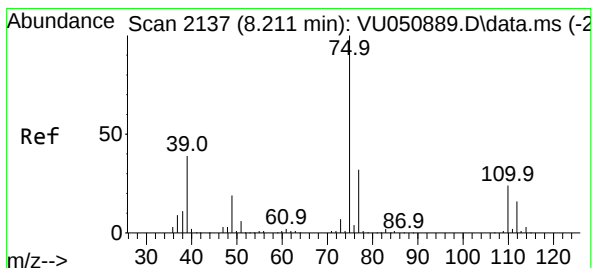
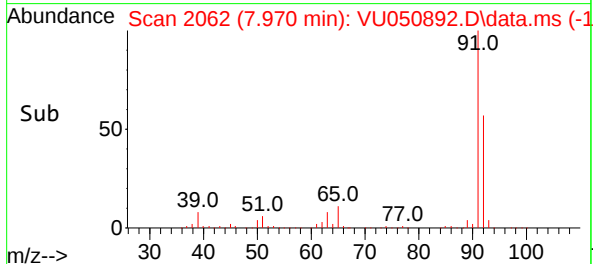
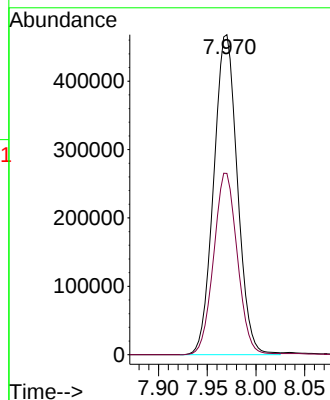
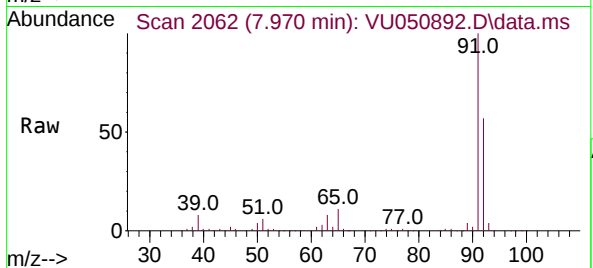
EXZ06MS

Tgt Ion: 91 Resp: 791825

Ion Ratio Lower Upper

91 100

92 56.7 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 50.837 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050892.D

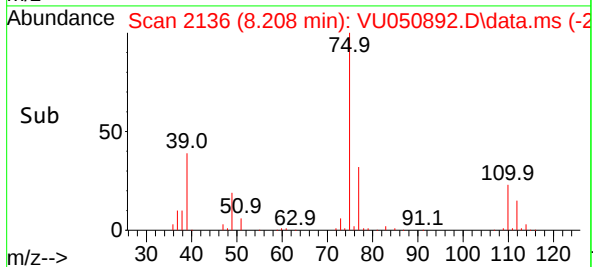
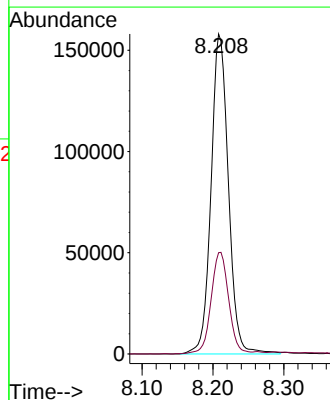
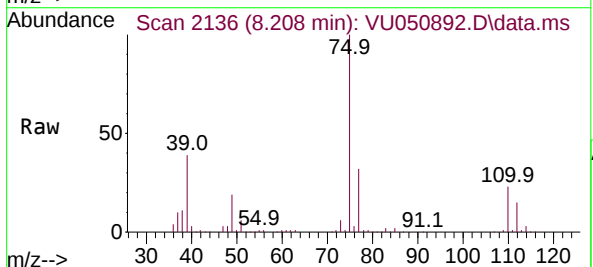
Acq: 22 Sep 2022 12:42

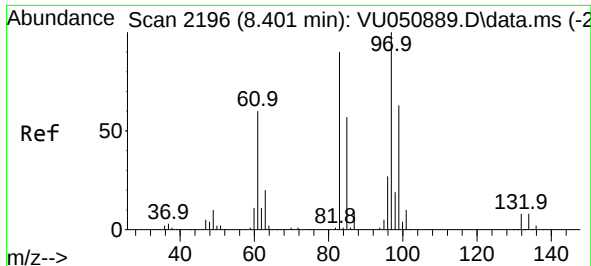
Tgt Ion: 75 Resp: 268767

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



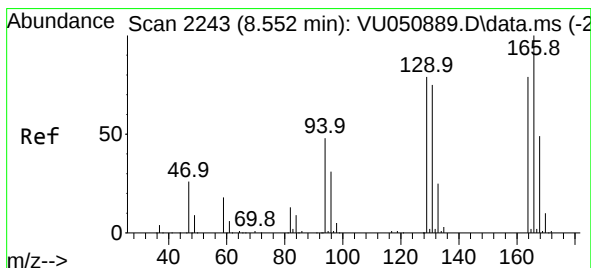
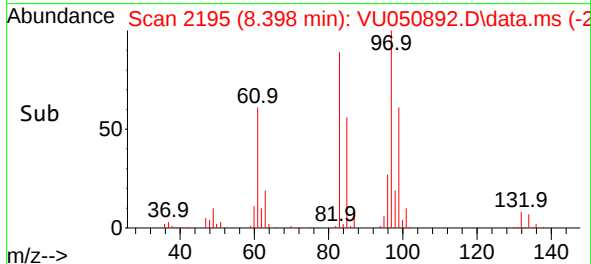
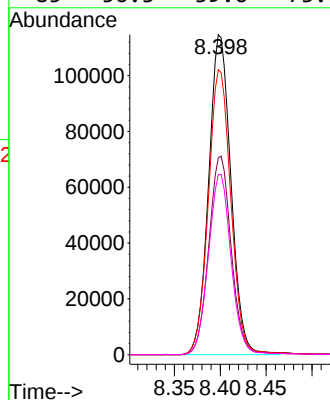
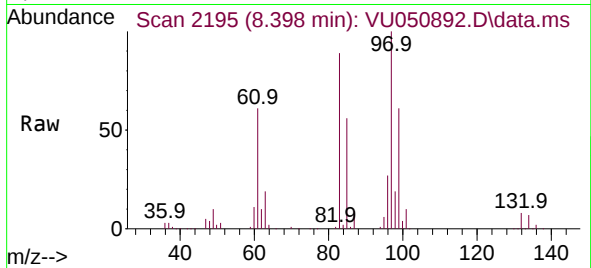


#45
1,1,2-Trichloroethane
Concen: 50.709 ug/L
RT: 8.398 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

Tgt Ion: 97 Resp: 194081

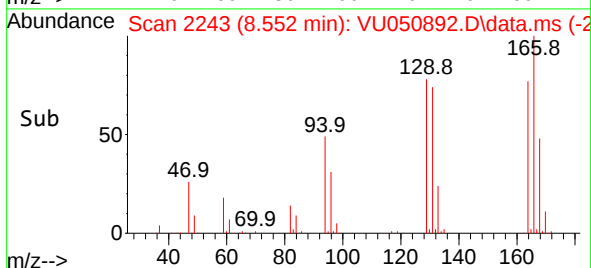
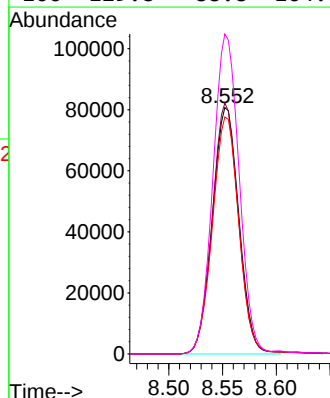
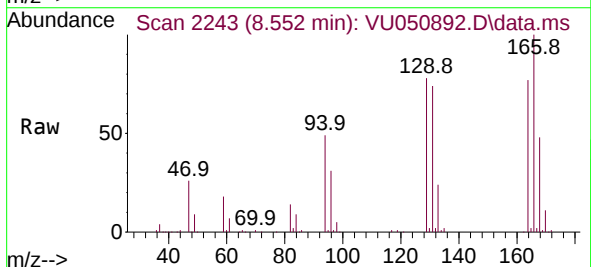
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.8	81.4
83	89.0	62.6	116.3
85	56.3	39.6	73.6

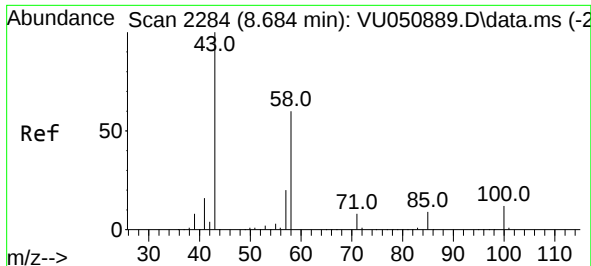


#46
Tetrachloroethene
Concen: 54.833 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 164 Resp: 138918

Ion	Ratio	Lower	Upper
164	100		
129	101.8	68.5	127.3
131	96.2	66.1	122.7
166	129.8	88.8	164.8

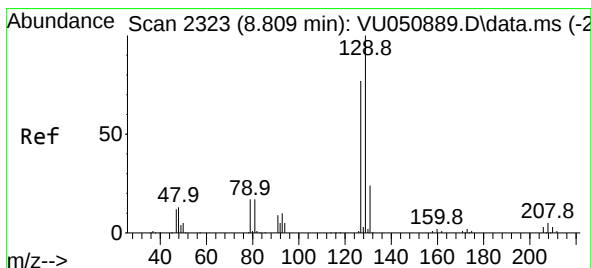
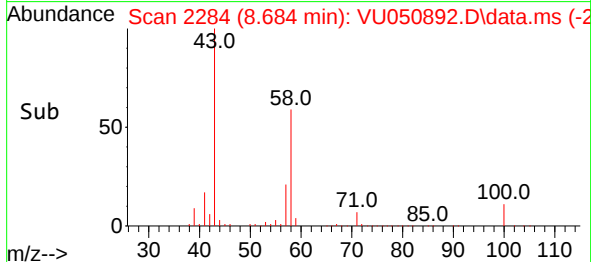
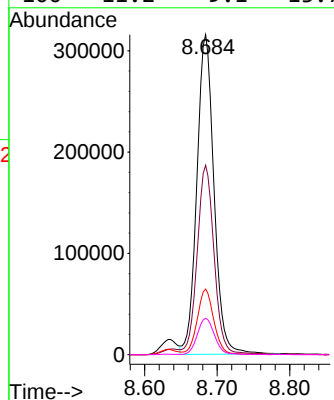
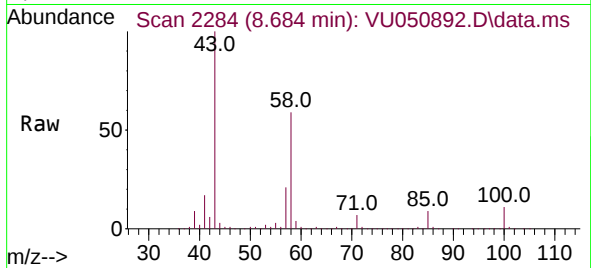




#48
2-Hexanone
Concen: 108.406 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

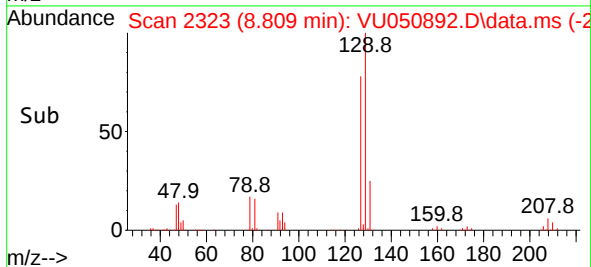
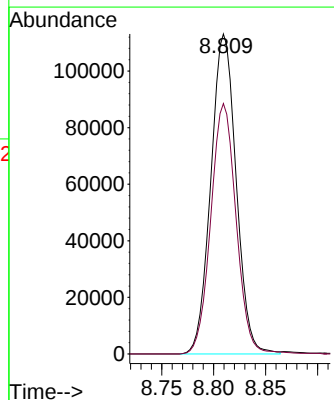
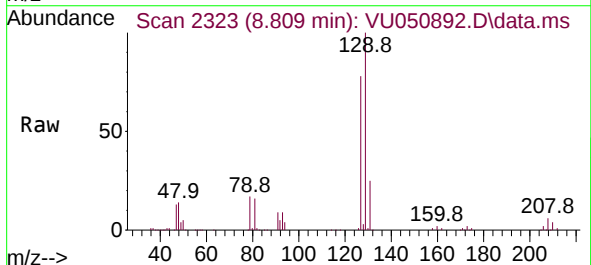
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

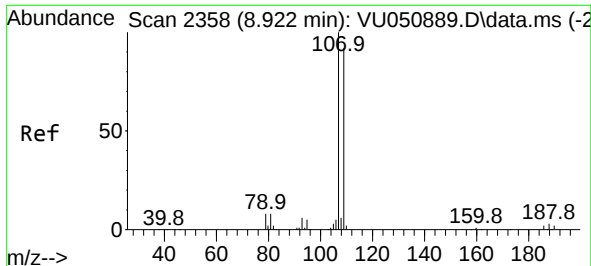
Tgt Ion: 43 Resp: 518471
Ion Ratio Lower Upper
43 100
58 58.2 47.2 70.8
57 19.6 16.2 24.4
100 11.2 9.1 13.7



#49
Dibromochloromethane
Concen: 51.103 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 129 Resp: 191779
Ion Ratio Lower Upper
129 100
127 78.3 54.5 101.1





#50

1,2-Dibromoethane

Concen: 50.299 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

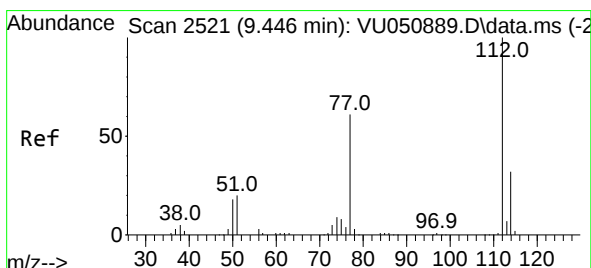
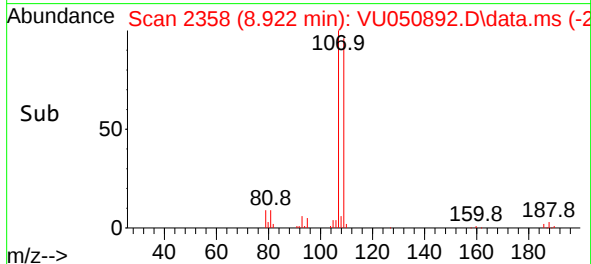
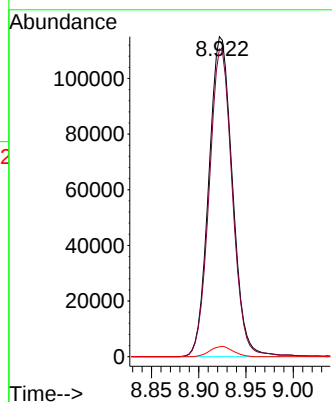
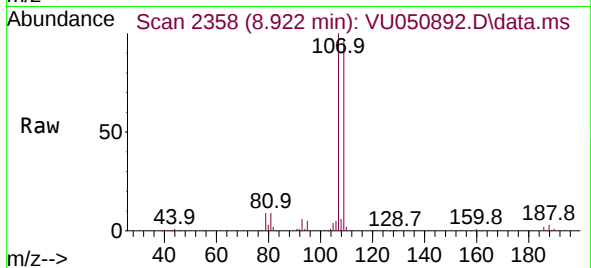
Tgt Ion:107 Resp: 199734

Ion Ratio Lower Upper

107 100

109 96.2 66.0 122.6

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 49.365 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

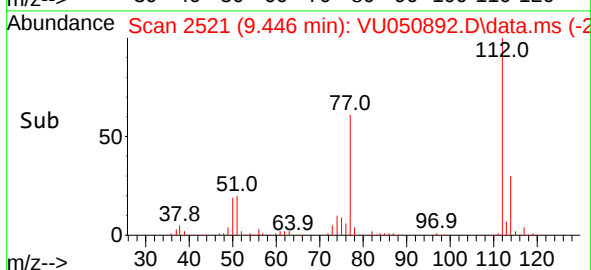
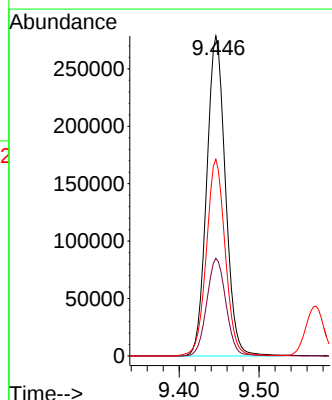
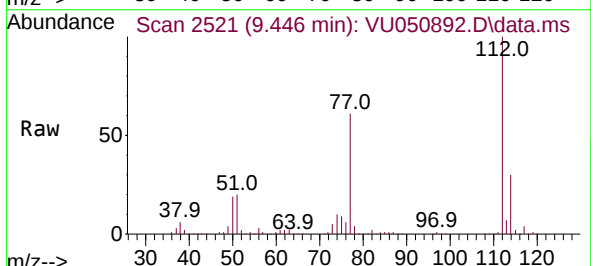
Tgt Ion:112 Resp: 454082

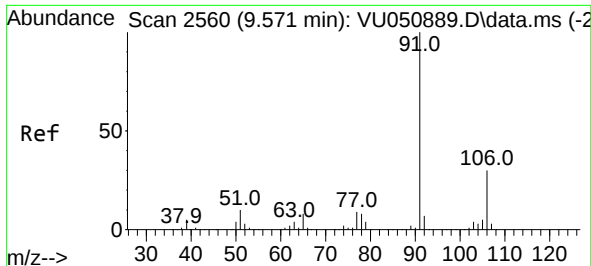
Ion Ratio Lower Upper

112 100

114 30.5 22.3 41.3

77 61.5 49.8 74.8

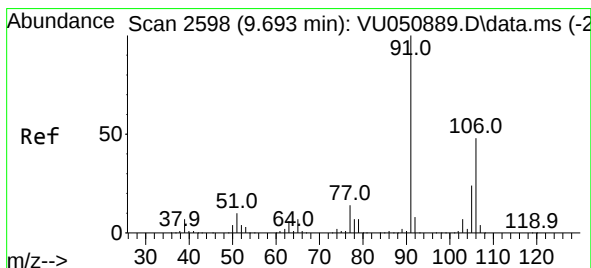
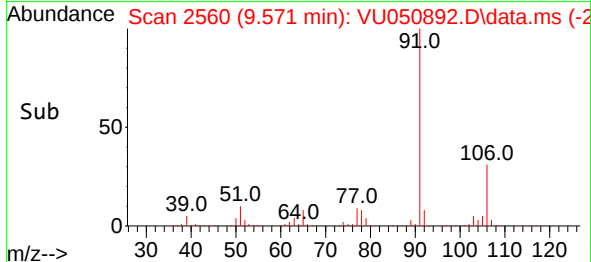
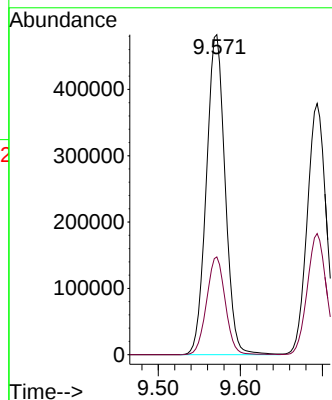
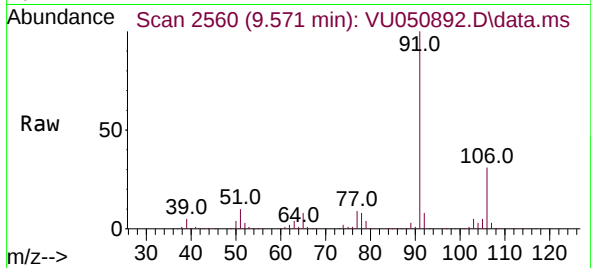




#52
Ethylbenzene
Concen: 50.966 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

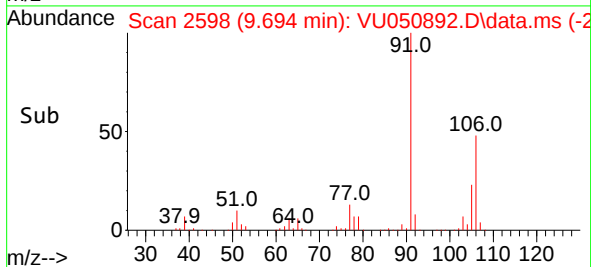
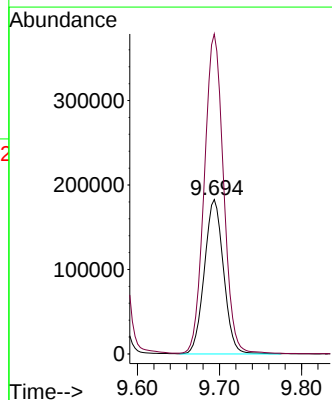
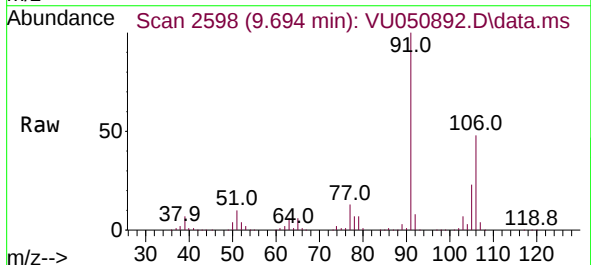
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

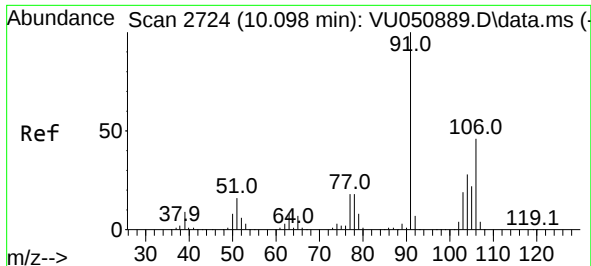
Tgt Ion: 91 Resp: 766072
Ion Ratio Lower Upper
91 100
106 30.6 21.0 39.0



#53
m,p-Xylene
Concen: 53.195 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 106 Resp: 297263
Ion Ratio Lower Upper
106 100
91 207.3 144.0 267.4

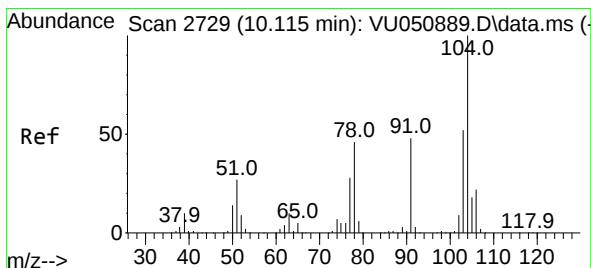
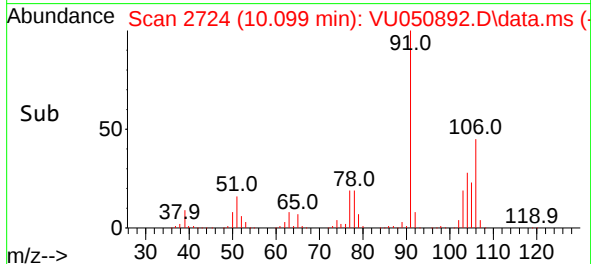
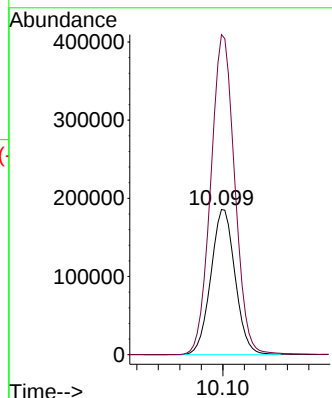
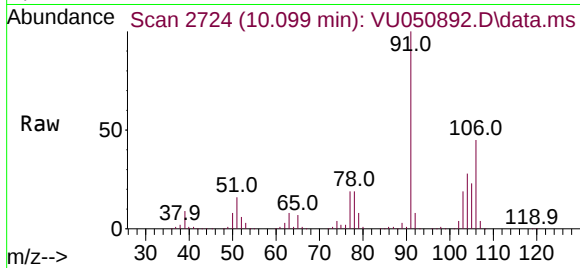




#54
o-Xylene
Concen: 52.347 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

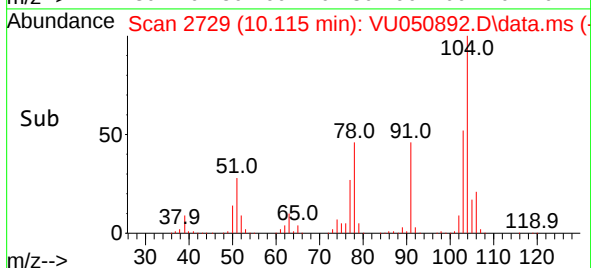
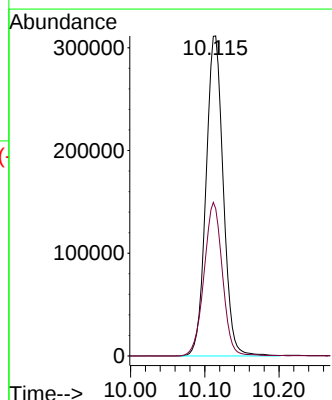
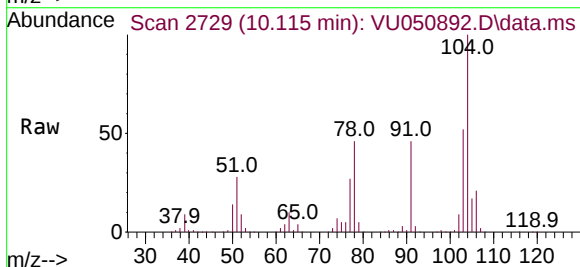
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

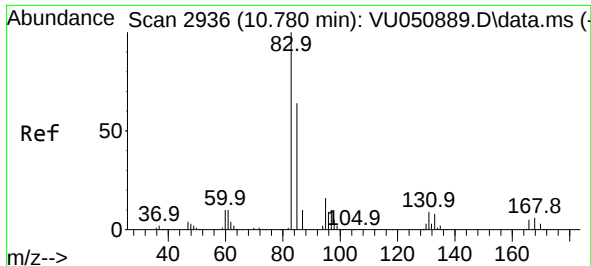
Tgt Ion:106 Resp: 291465
Ion Ratio Lower Upper
106 100
91 220.6 154.6 287.0



#55
Styrene
Concen: 52.679 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion:104 Resp: 502884
Ion Ratio Lower Upper
104 100
78 46.0 32.4 60.2

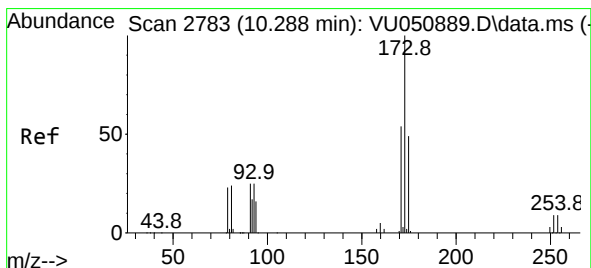
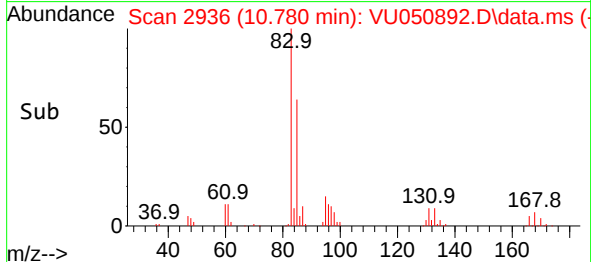
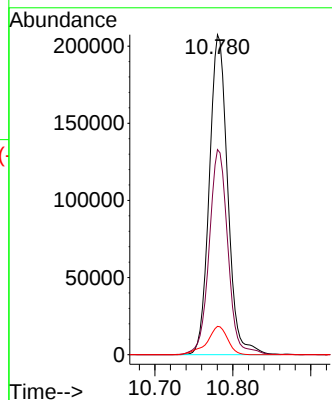
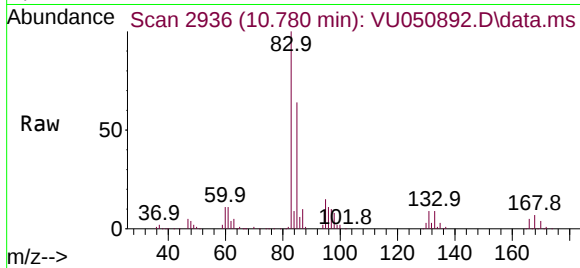




#57
1,1,2,2-Tetrachloroethane
Concen: 47.884 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

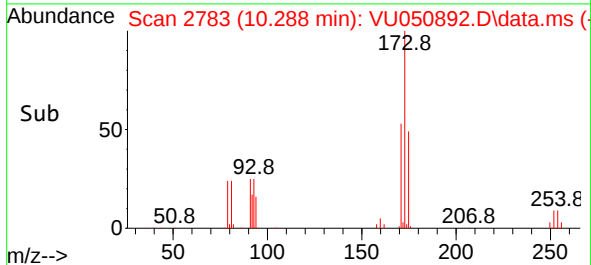
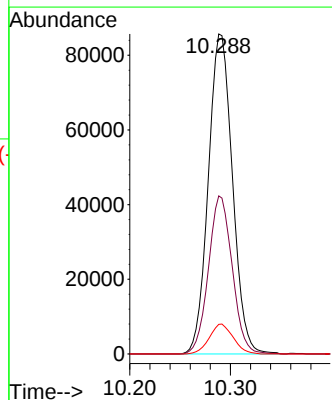
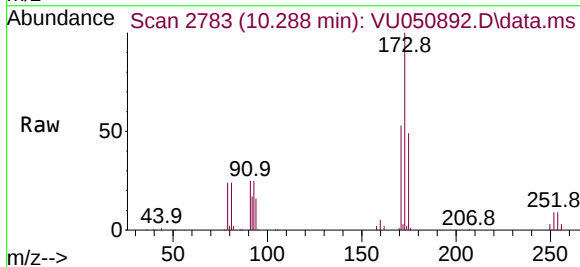
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

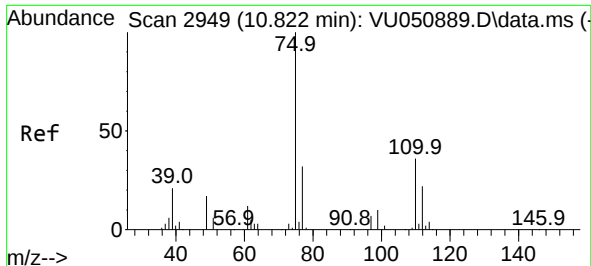
Tgt Ion: 83 Resp: 339115
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9
131 8.8 7.1 10.7



#59
Bromoform
Concen: 49.082 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 173 Resp: 142990
Ion Ratio Lower Upper
173 100
175 48.6 37.8 56.8
254 9.3 7.1 10.7

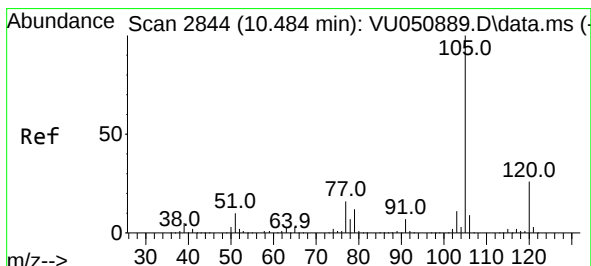
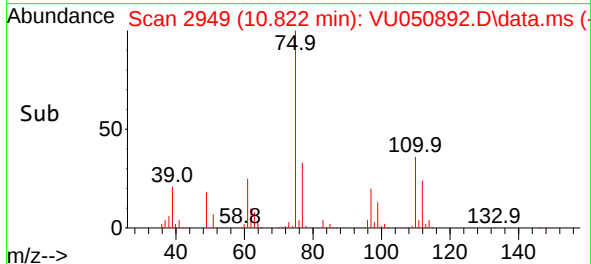
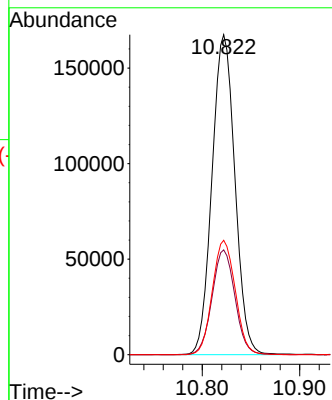
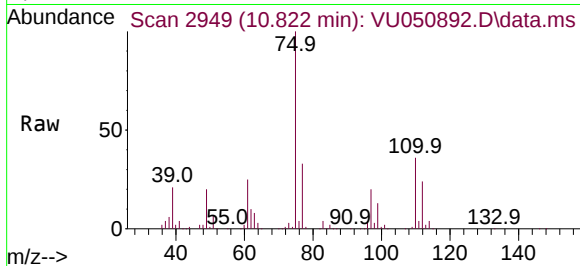




#60
1,2,3-Trichloropropane
Concen: 48.226 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

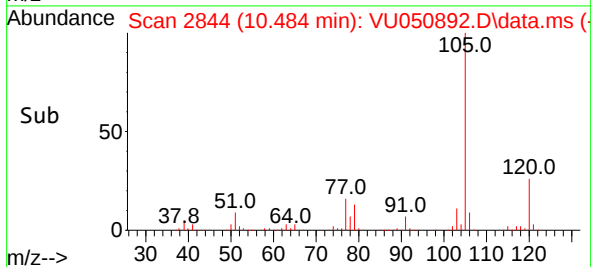
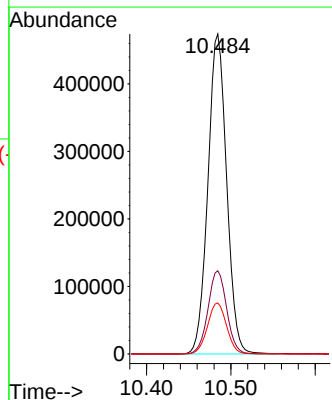
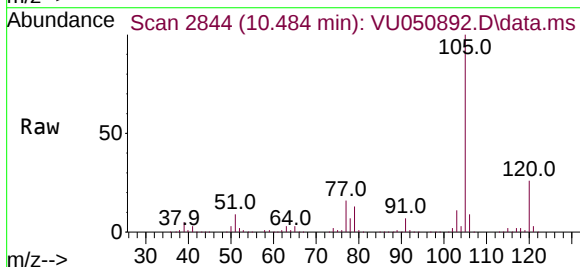
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

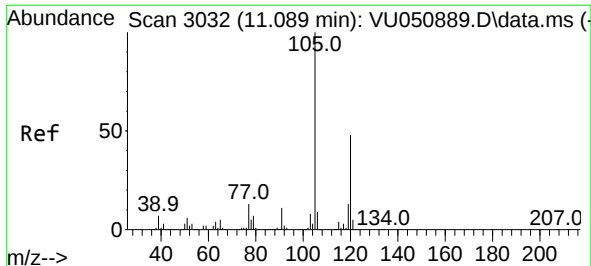
Tgt Ion: 75 Resp: 273798
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
110 35.7 28.6 43.0



#61
Isopropylbenzene
Concen: 50.763 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion: 105 Resp: 732238
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.3 12.9 19.3

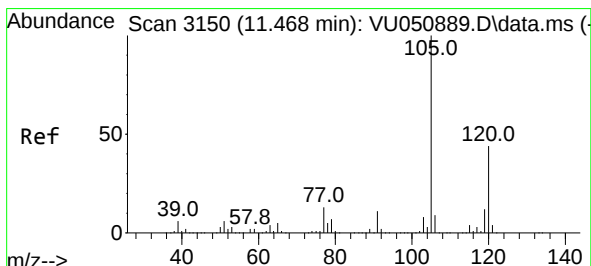
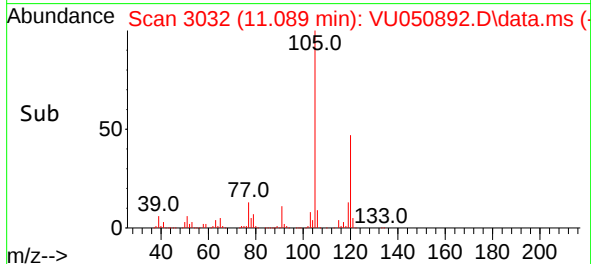
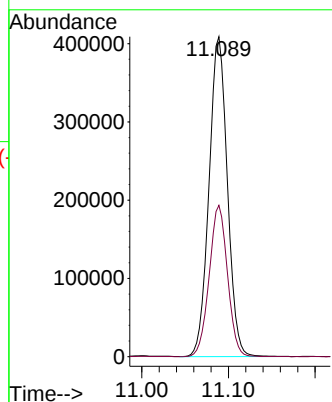
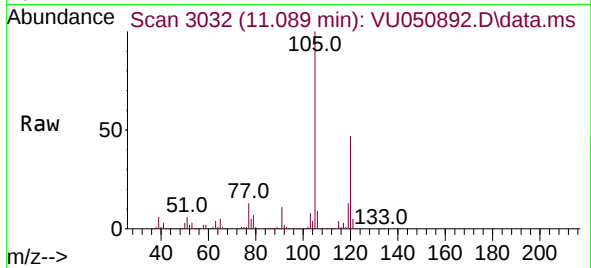




#62
 1,3,5-Trimethylbenzene
 Concen: 50.758 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050892.D
 Acq: 22 Sep 2022 12:42

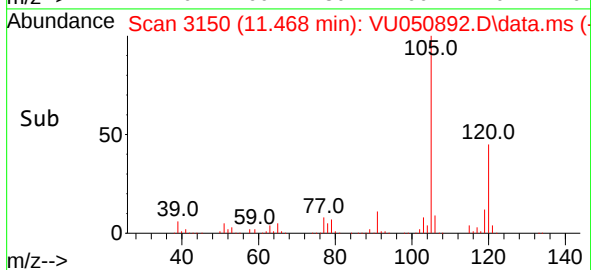
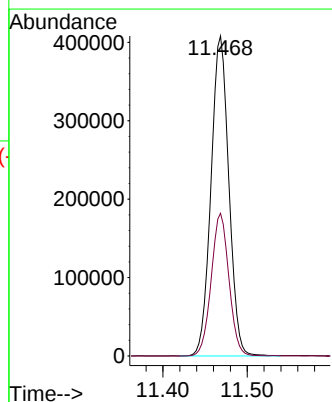
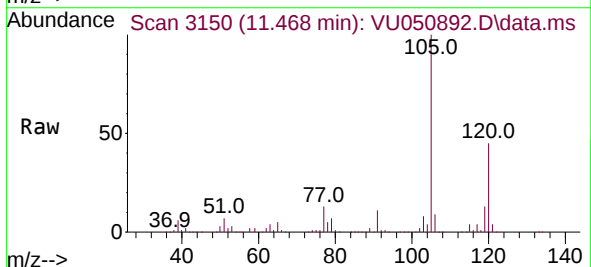
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06MS

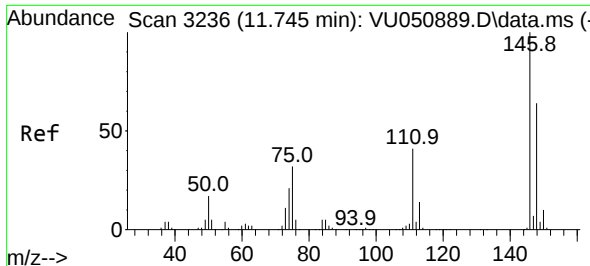
Tgt Ion:105 Resp: 601878
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 51.096 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050892.D
 Acq: 22 Sep 2022 12:42

Tgt Ion:105 Resp: 600020
 Ion Ratio Lower Upper
 105 100
 120 44.3 34.9 52.3

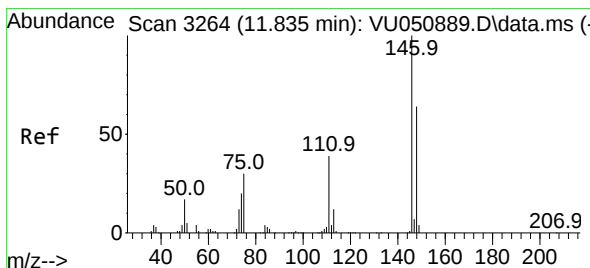
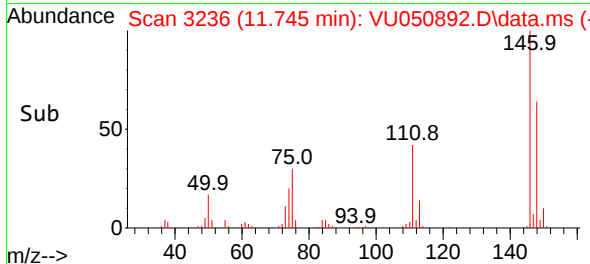
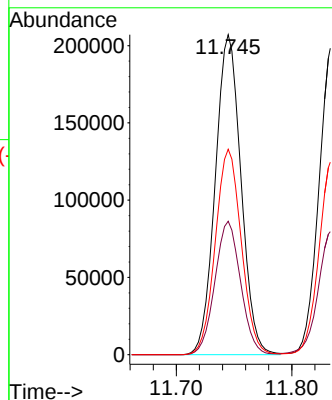
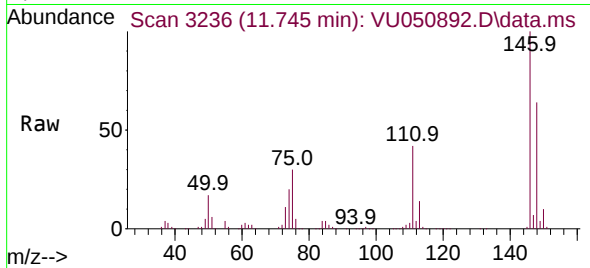




#64
1,3-Dichlorobenzene
Concen: 48.541 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

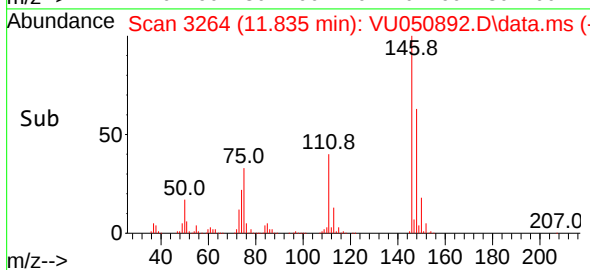
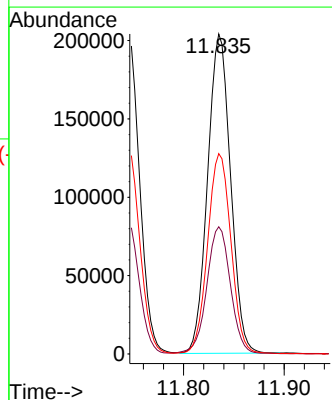
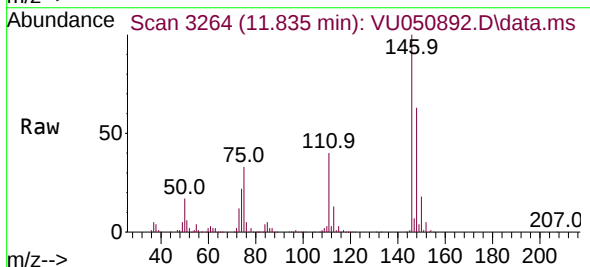
Instrument :
MSVOA_U
ClientSampleId :
EXZ06MS

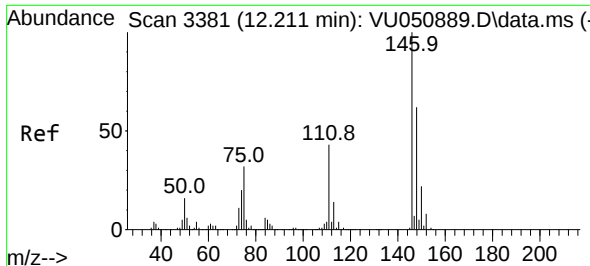
Tgt Ion:146 Resp: 320192
Ion Ratio Lower Upper
146 100
111 41.7 27.9 51.7
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 48.303 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050892.D
Acq: 22 Sep 2022 12:42

Tgt Ion:146 Resp: 323476
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 62.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 49.433 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

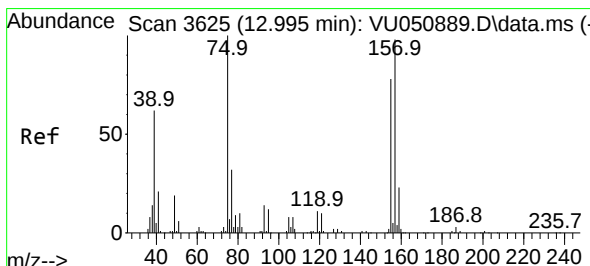
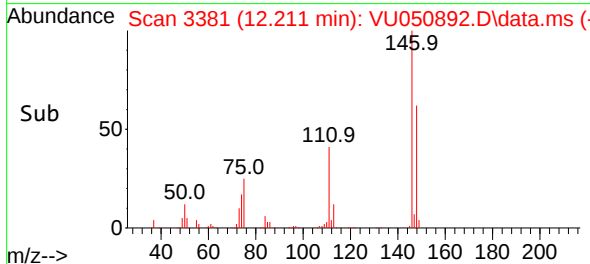
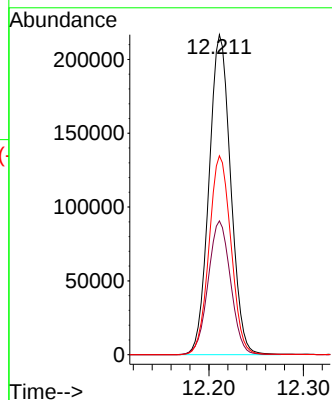
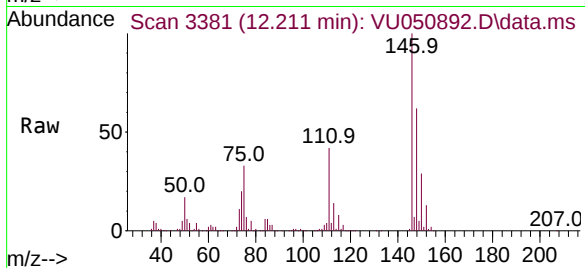
Tgt Ion:146 Resp: 345263

Ion Ratio Lower Upper

146 100

111 41.8 35.2 52.8

148 62.1 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.215 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

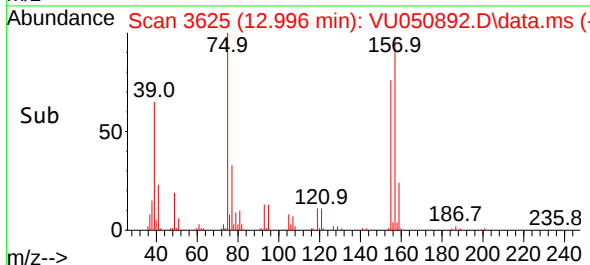
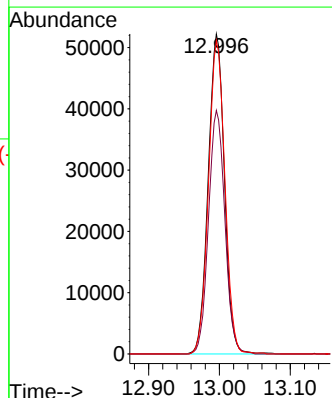
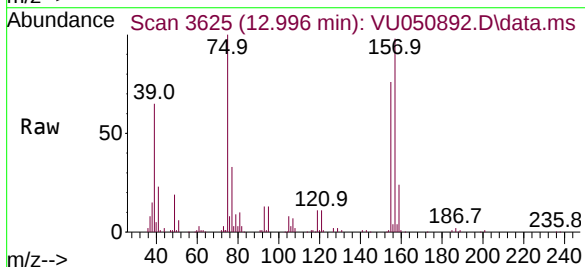
Tgt Ion: 75 Resp: 83095

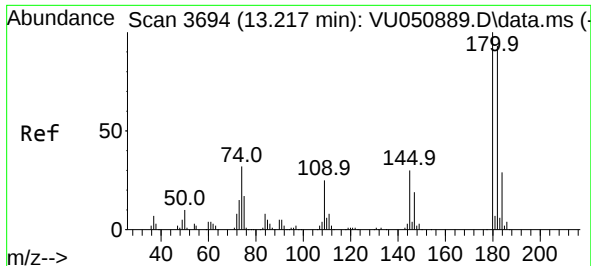
Ion Ratio Lower Upper

75 100

155 76.1 63.8 95.8

157 98.0 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 48.188 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

Tgt Ion:180 Resp: 222399

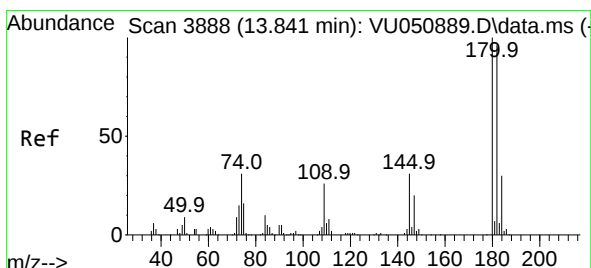
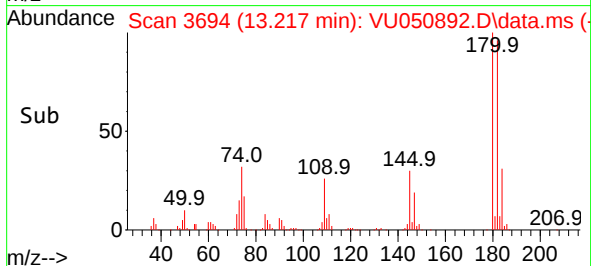
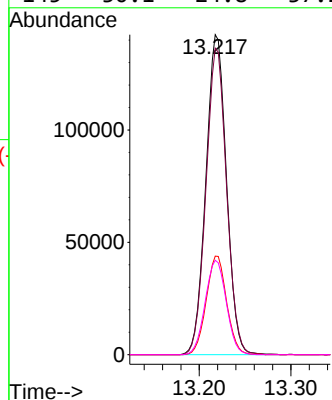
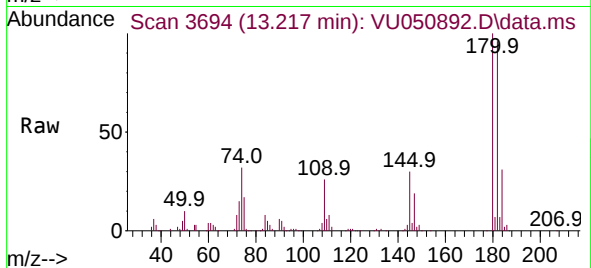
Ion Ratio Lower Upper

180 100

182 95.7 78.2 117.2

184 30.6 24.8 37.2

145 30.1 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 47.524 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

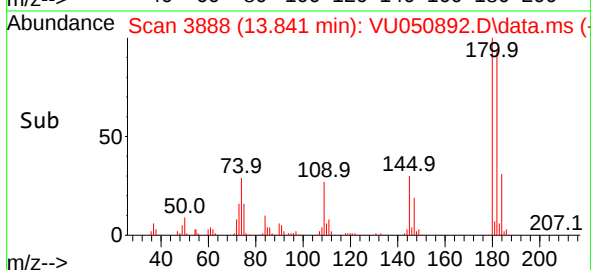
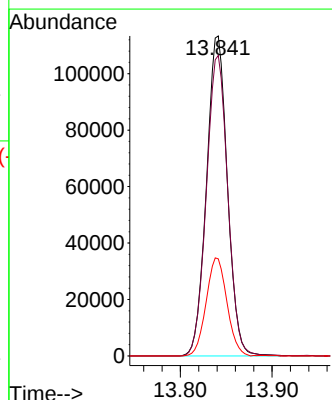
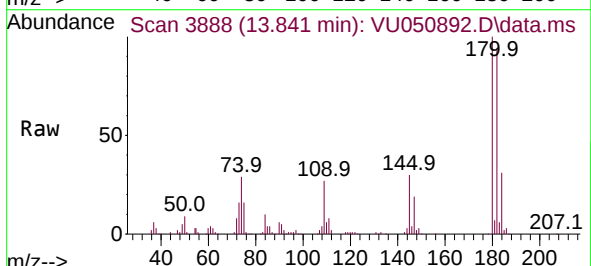
Tgt Ion:180 Resp: 179491

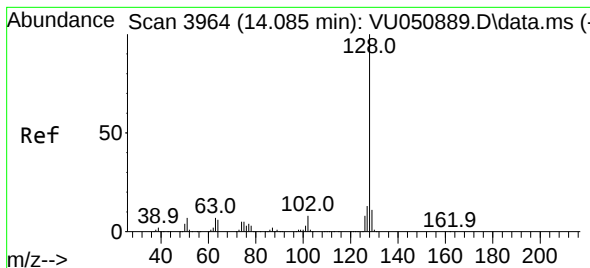
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 30.5 25.1 37.7





#71

Naphthalene

Concen: 48.460 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

EXZ06MS

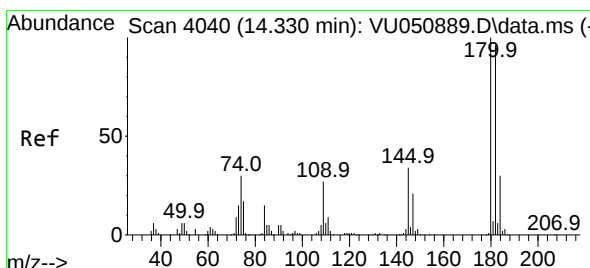
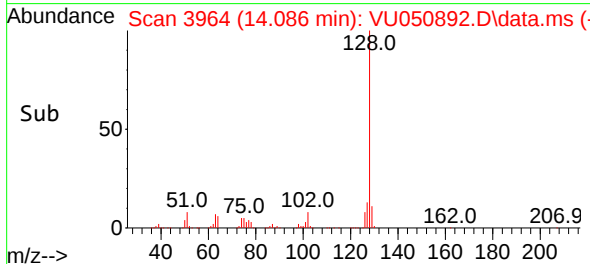
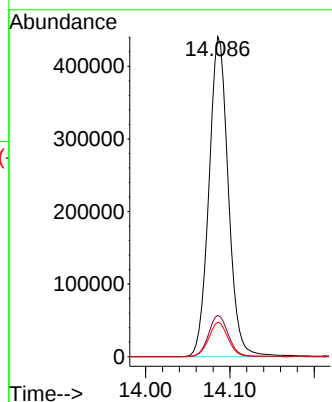
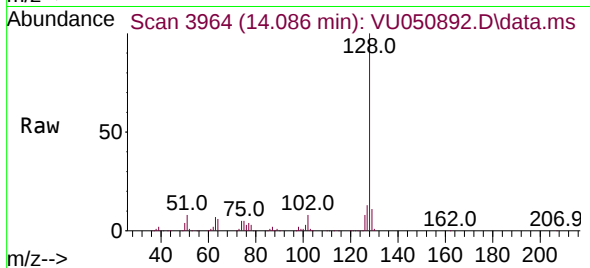
Tgt Ion:128 Resp: 703424

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: 50.251 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050892.D

Acq: 22 Sep 2022 12:42

Tgt Ion:180 Resp: 212417

Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 32.1 26.3 39.5

