

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051720.D
 Acq On : 03 Nov 2022 03:58
 Operator : JC/MD
 Sample : N5301-24MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7MS

Quant Time: Nov 03 04:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	189850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67948	5.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.912	69	62021	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.565	65	25780	5.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.000%
20) 2-Butanone-d5	4.626	46	189244	39.013	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.020%
24) Chloroform-d	5.060	84	148830	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.700	65	70858	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.726	84	280914	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.687	67	90678	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.896	98	254829	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
43) trans-1,3-Dichloroprop...	8.179	79	30159	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.632	63	154699	40.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.240%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85173	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	95082	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	102373	5.264	ug/L	99
3) Chloromethane	1.523	50	115832	4.724	ug/L	100
5) Vinyl chloride	1.600	62	148847	6.338	ug/L	# 18
6) Bromomethane	1.854	94	32775	2.943	ug/L	97
8) Chloroethane	1.932	64	82440	5.781	ug/L	84
9) Trichlorofluoromethane	2.137	101	143754	5.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83686	5.521	ug/L	99
12) 1,1-Dichloroethene	2.578	96	87393	5.653	ug/L	99
13) Acetone	2.636	43	139509	56.683	ug/L	99
14) Carbon disulfide	2.790	76	270782	5.433	ug/L	99
15) Methyl Acetate	2.951	43	29437	4.568	ug/L	91
16) Methylene chloride	3.044	84	106785	4.217	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	200306	5.650	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	255210	15.381	ug/L	99
19) 1,1-Dichloroethane	3.867	63	177424	5.797	ug/L	98
21) 2-Butanone	4.706	43	238065	61.766	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	1243238	67.715	ug/L	98
23) Bromochloromethane	4.973	128	49294	5.742	ug/L	97
25) Chloroform	5.086	83	181558	5.718	ug/L	99

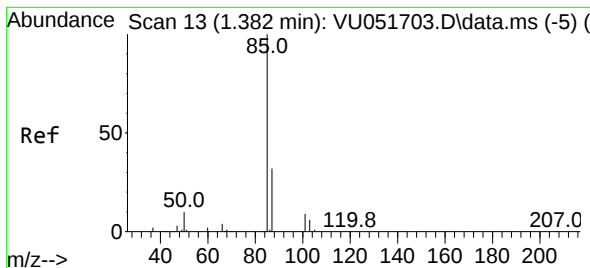
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107109	5.482	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	137371	5.329	ug/L	99
30) Cyclohexane	5.385	56	120175	5.063	ug/L	97
31) Carbon tetrachloride	5.523	117	118355	5.369	ug/L	99
33) Benzene	5.774	78	404697	5.402	ug/L	100
34) Trichloroethene	6.539	95	104894	5.802	ug/L	99
35) Methylcyclohexane	6.761	83	117530	4.701	ug/L	99
37) 1,2-Dichloropropane	6.790	63	104655	5.431	ug/L	99
38) Bromodichloromethane	7.105	83	130112	5.528	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	124081	5.019	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	542672	56.146	ug/L	98
42) Toluene	7.967	91	429435	5.581	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	107616	5.209	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79815	5.652	ug/L	98
47) Tetrachloroethene	8.552	164	70721	5.107	ug/L	92
48) 2-Hexanone	8.681	43	409271	57.206	ug/L	100
49) Dibromochloromethane	8.809	129	89143	5.526	ug/L	99
50) 1,2-Dibromoethane	8.922	107	70085	5.501	ug/L	98
51) Chlorobenzene	9.446	112	262600	5.423	ug/L	99
52) Ethylbenzene	9.568	91	395415	5.326	ug/L	99
53) m,p-Xylene	9.693	106	158908	5.511	ug/L	99
54) o-Xylene	10.098	106	152620	5.416	ug/L	98
55) Styrene	10.111	104	267158	5.670	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	98243	5.611	ug/L	99
59) Bromoform	10.288	173	50164	5.082	ug/L	99
60) Isopropylbenzene	10.481	105	383671	4.919	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	68599	4.965	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96364	4.589	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	279332	4.614	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	198415	5.110	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	203331	5.223	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	193501	5.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14266	5.015	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	136754	4.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	107123	5.042	ug/L	98
71) Naphthalene	14.085	128	177961	4.487	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	106587	4.968	ug/L	99

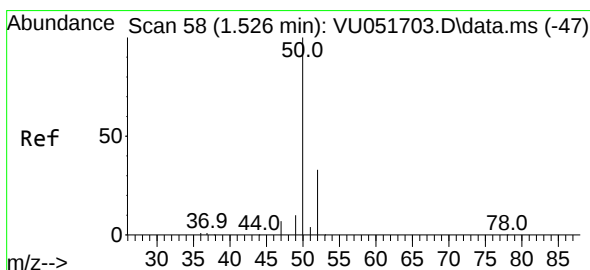
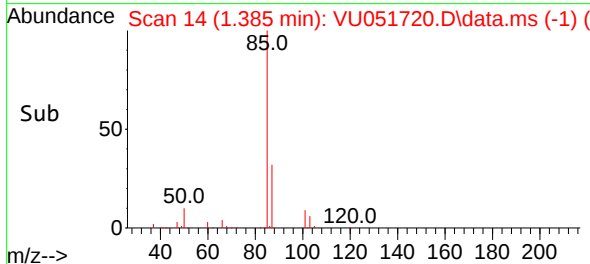
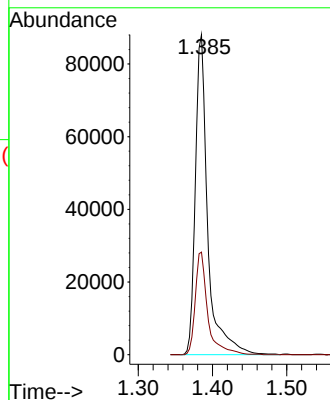
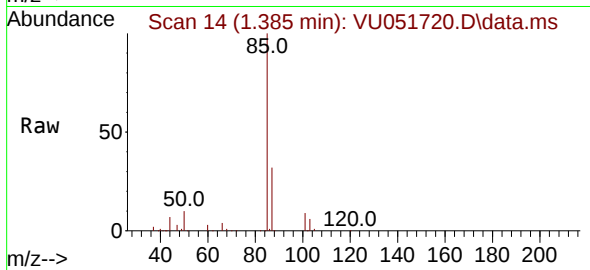
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.264 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

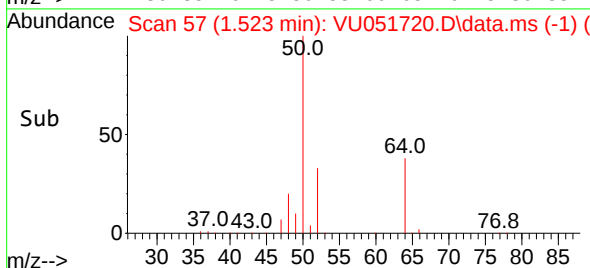
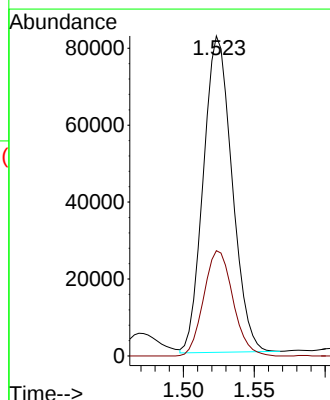
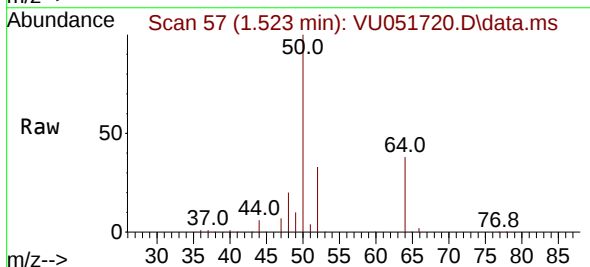
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

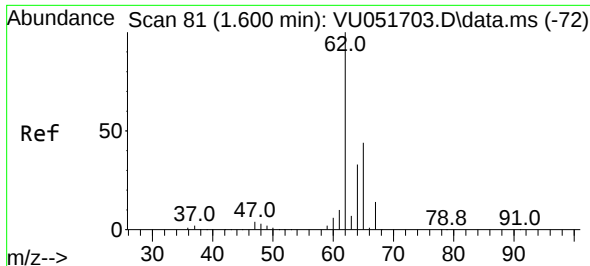
Tgt Ion: 85 Resp: 102373
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 4.724 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 50 Resp: 115832
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

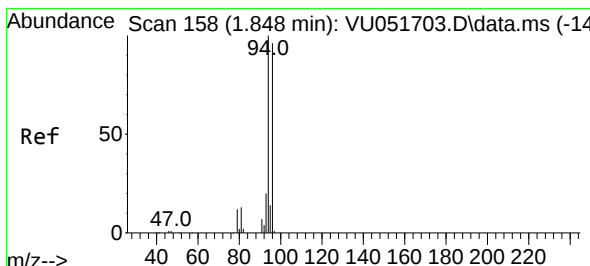
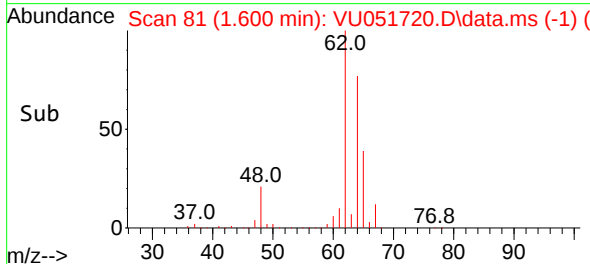
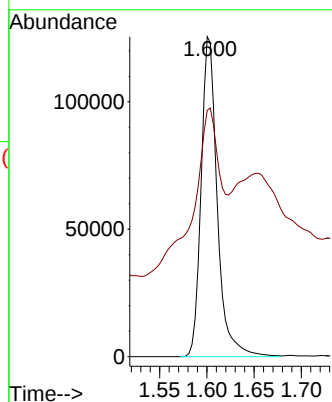
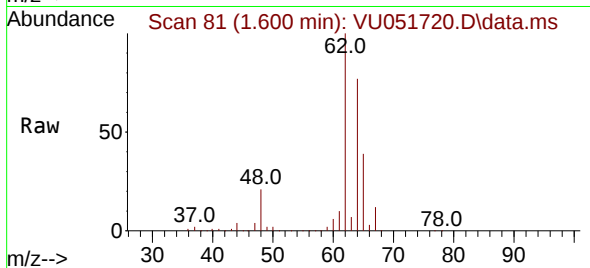




#5
 Vinyl chloride
 Concen: 6.338 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

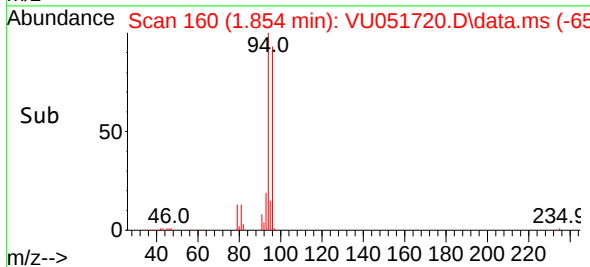
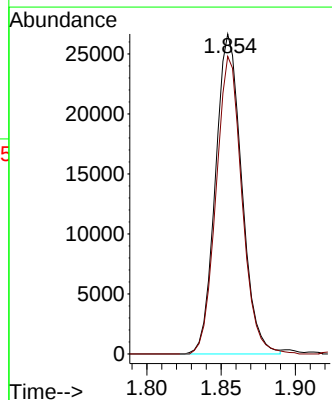
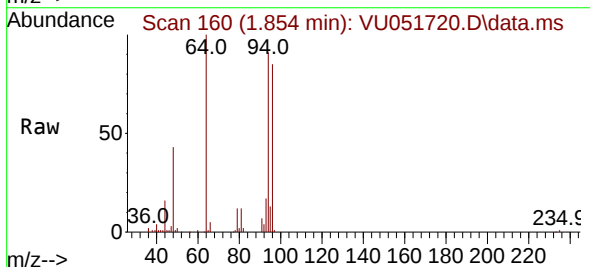
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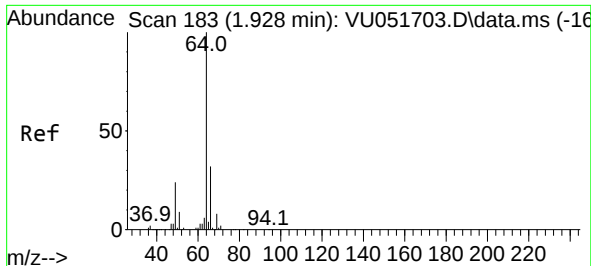
Tgt Ion: 62 Resp: 148847
 Ion Ratio Lower Upper
 62 100
 64 77.0 22.1 41.1#



#6
 Bromomethane
 Concen: 2.943 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

Tgt Ion: 94 Resp: 32775
 Ion Ratio Lower Upper
 94 100
 96 93.0 63.2 117.4

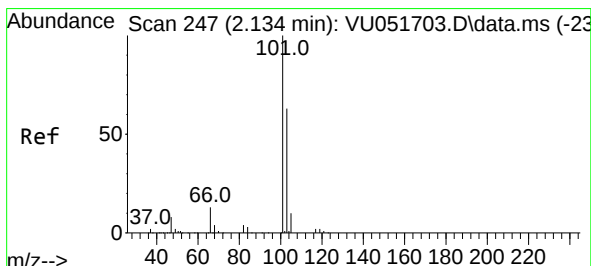
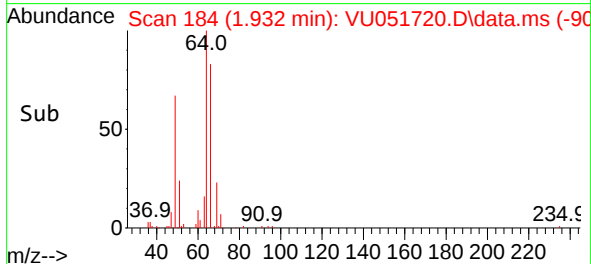
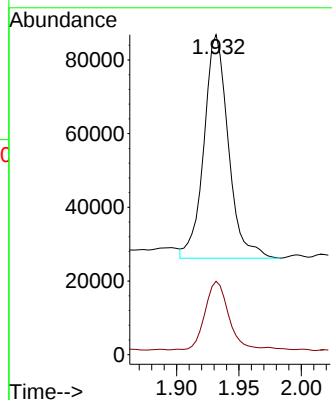
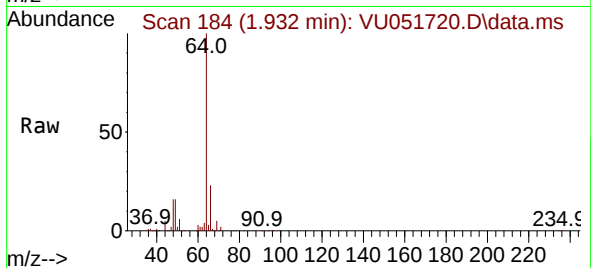




#8
Chloroethane
Concen: 5.781 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

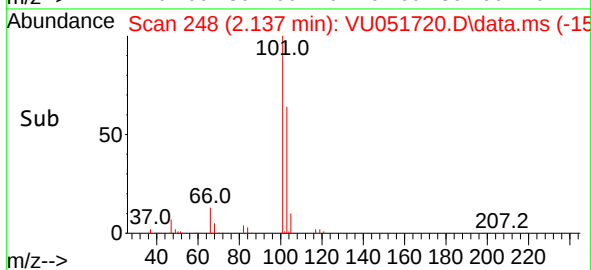
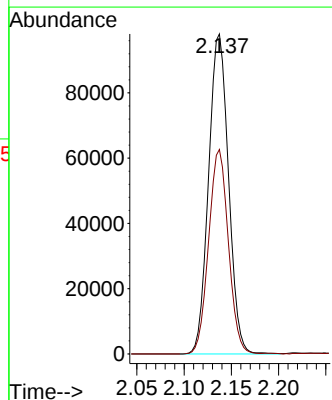
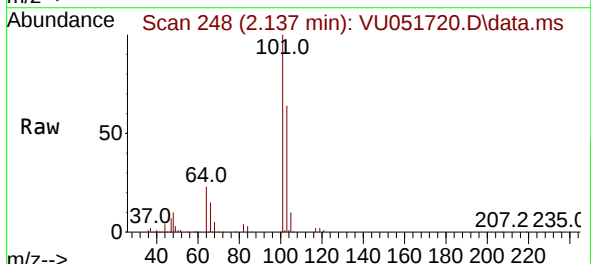
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ClientSampleId :
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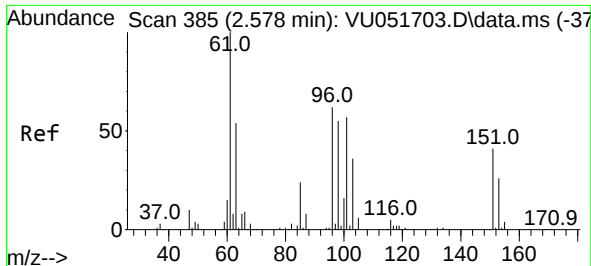
Tgt Ion: 64 Resp: 82440
Ion Ratio Lower Upper
64 100
66 22.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.576 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion:101 Resp: 143754
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.6

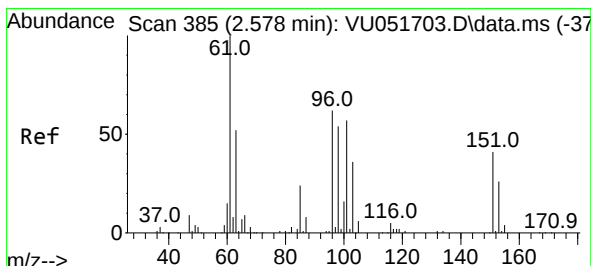
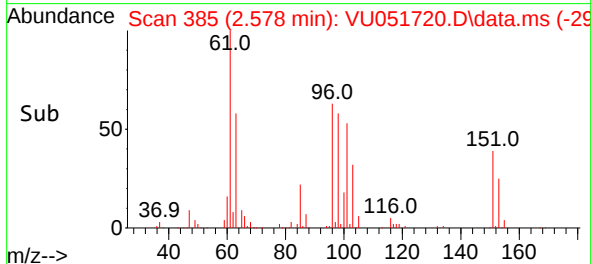
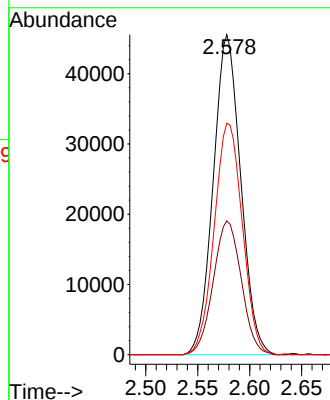
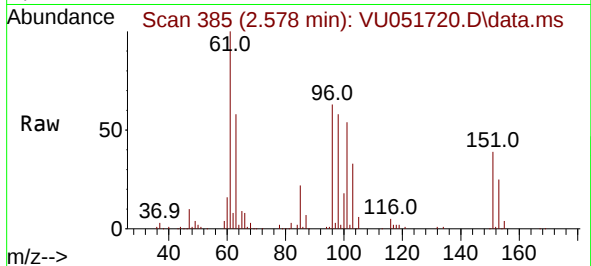




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.521 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

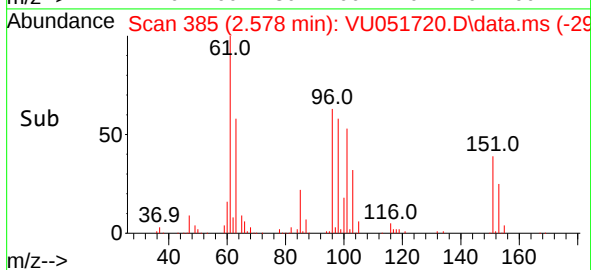
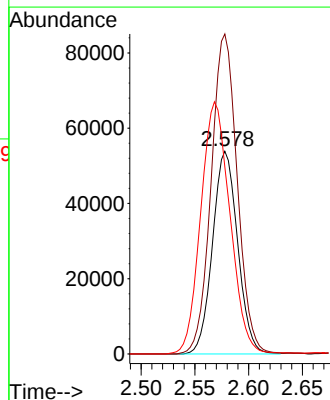
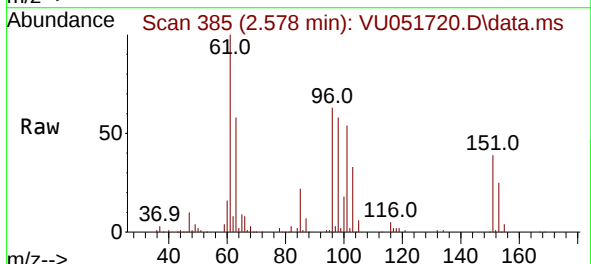
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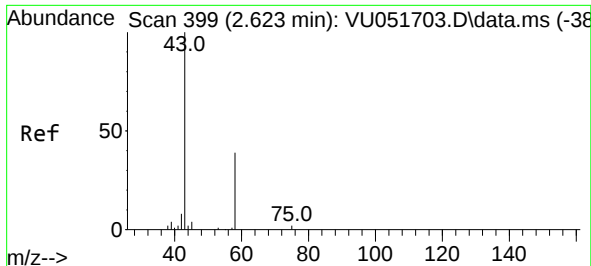
Tgt Ion:101 Resp: 83686
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.6 53.4
 151 74.2 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.653 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

Tgt Ion: 96 Resp: 87393
 Ion Ratio Lower Upper
 96 100
 61 157.8 108.8 202.0
 63 92.2 64.9 120.5





#13

Acetone

Concen: 56.683 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

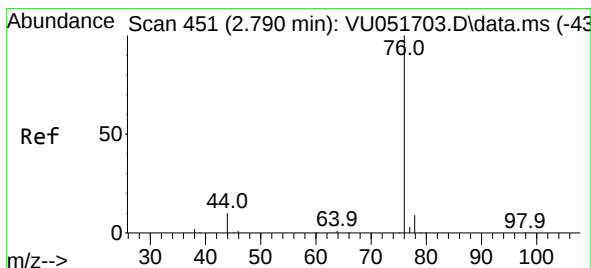
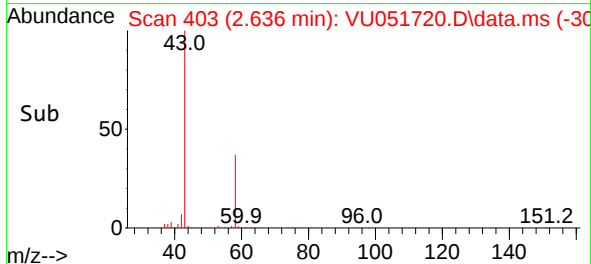
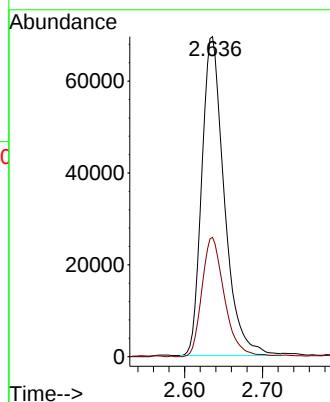
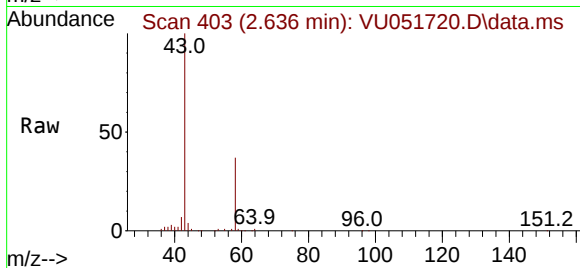
DBWP7MS

Tgt Ion: 43 Resp: 139509

Ion Ratio Lower Upper

43 100

58 37.4 0.0 73.8



#14

Carbon disulfide

Concen: 5.433 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051720.D

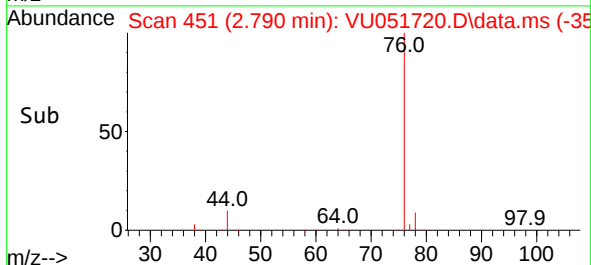
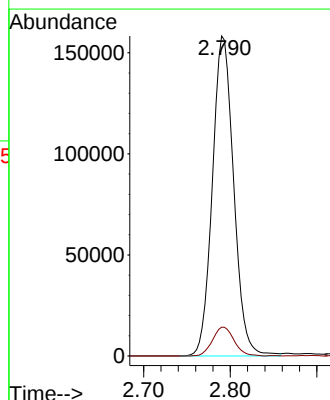
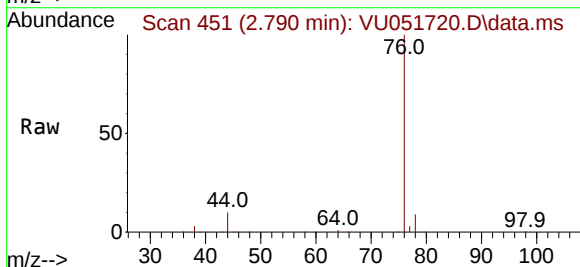
Acq: 03 Nov 2022 03:58

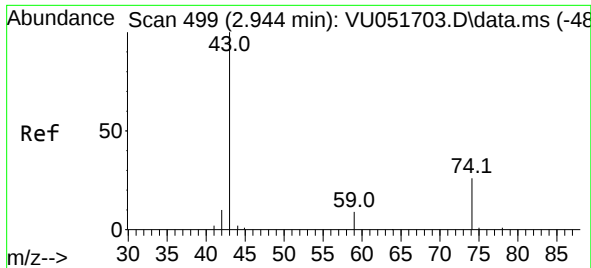
Tgt Ion: 76 Resp: 270782

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

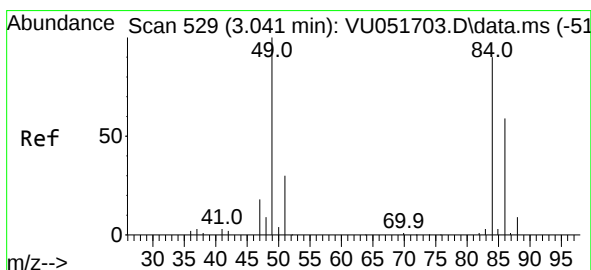
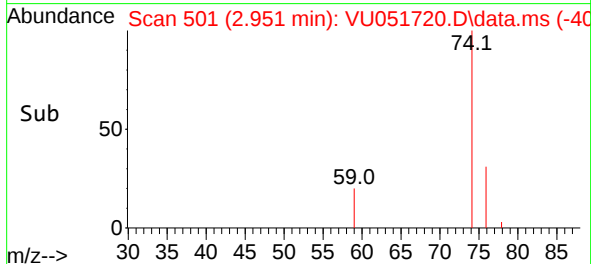
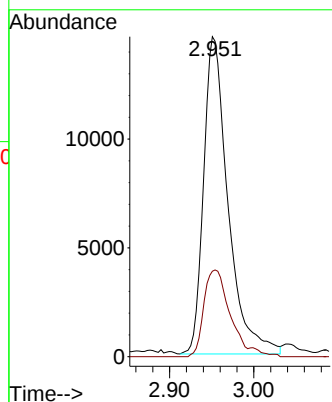
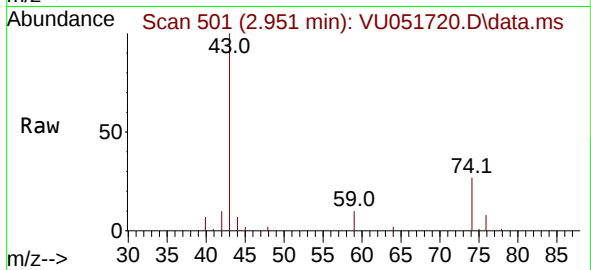




#15
Methyl Acetate
Concen: 4.568 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

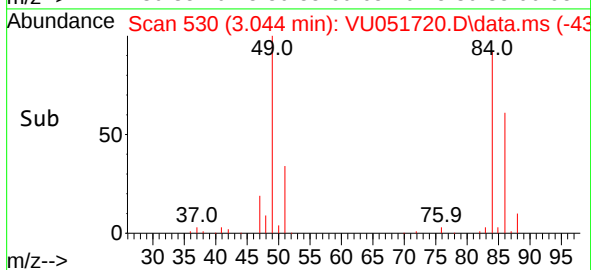
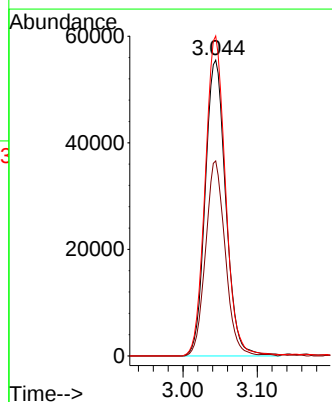
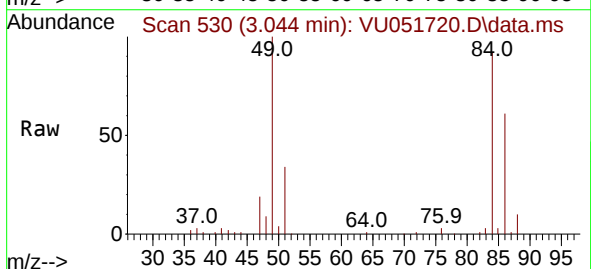
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

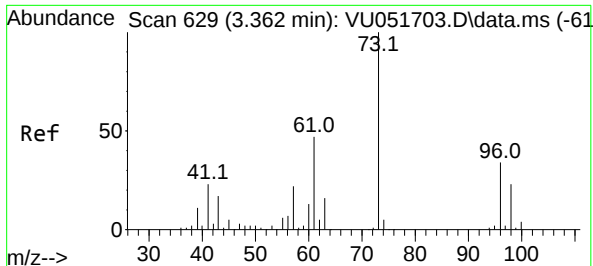
Tgt Ion: 43 Resp: 29437
Ion Ratio Lower Upper
43 100
74 29.8 20.2 30.4



#16
Methylene chloride
Concen: 4.217 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 84 Resp: 106785
Ion Ratio Lower Upper
84 100
86 66.0 46.3 85.9
49 108.2 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.650 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MS

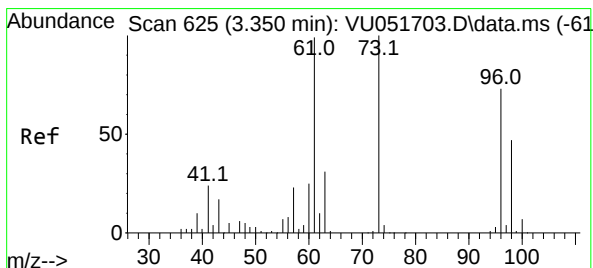
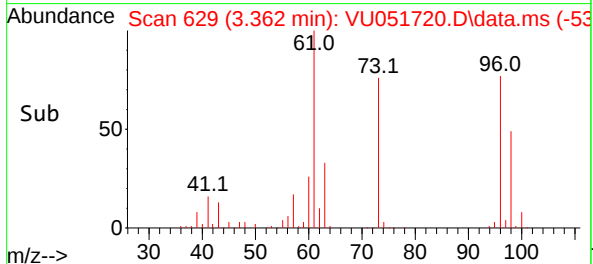
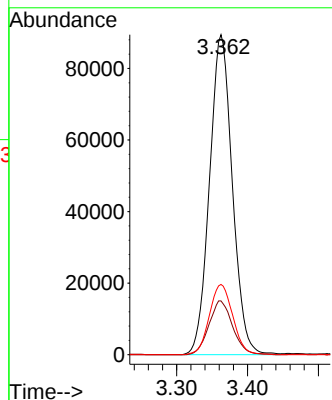
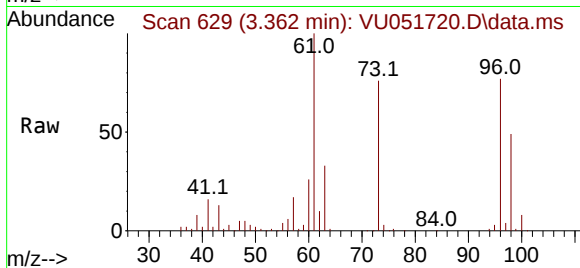
Tgt Ion: 73 Resp: 200306

Ion Ratio Lower Upper

73 100

43 17.5 13.6 20.4

57 22.5 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 15.381 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

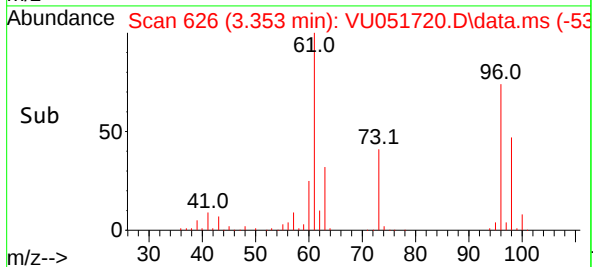
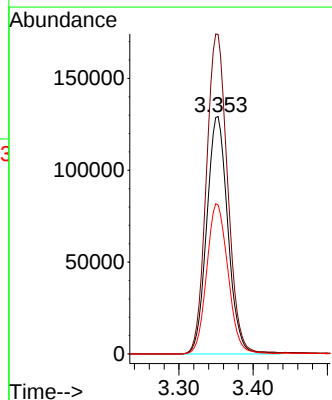
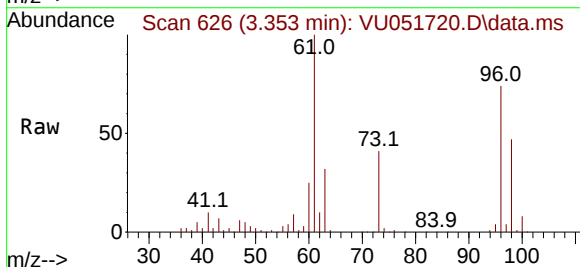
Tgt Ion: 96 Resp: 255210

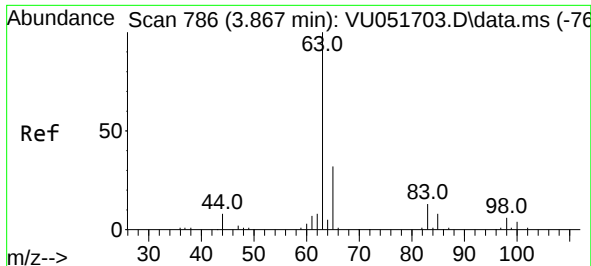
Ion Ratio Lower Upper

96 100

61 134.6 94.7 175.9

98 62.8 44.2 82.0

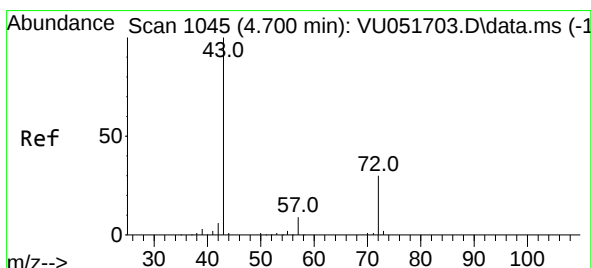
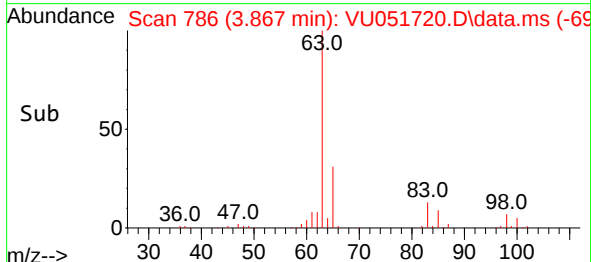
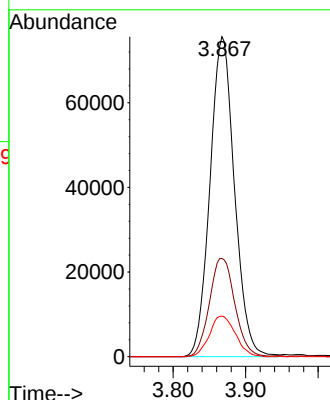
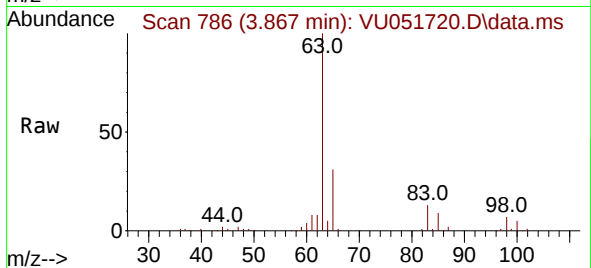




#19
1,1-Dichloroethane
Concen: 5.797 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

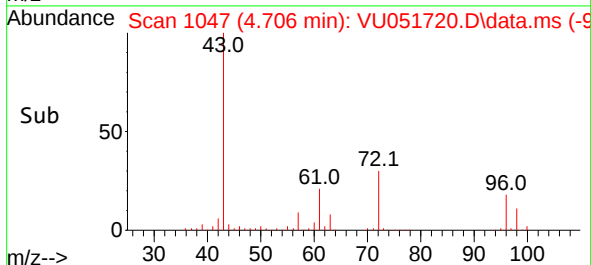
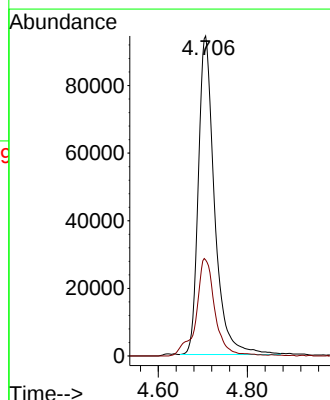
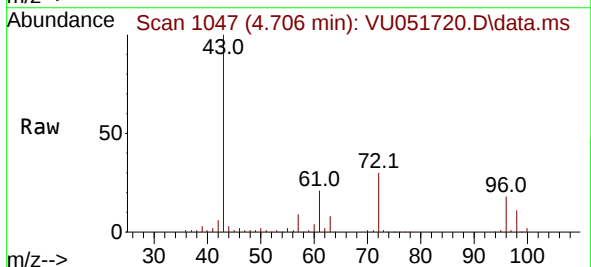
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

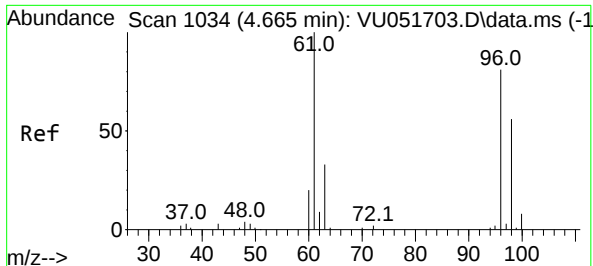
Tgt Ion: 63 Resp: 177424
Ion Ratio Lower Upper
63 100
65 30.7 22.7 42.1
83 12.7 9.2 17.0



#21
2-Butanone
Concen: 61.766 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 43 Resp: 238065
Ion Ratio Lower Upper
43 100
72 35.6 16.2 48.5

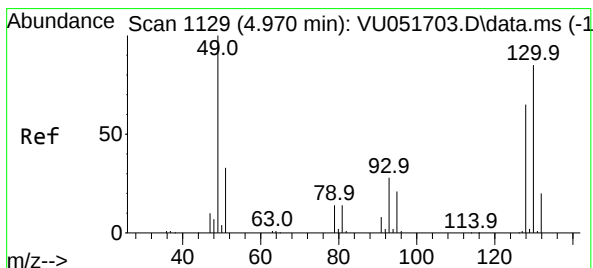
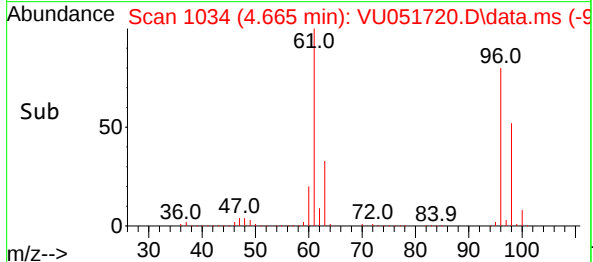
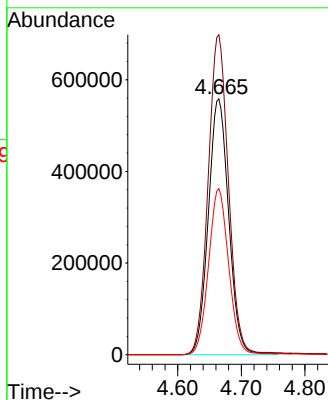
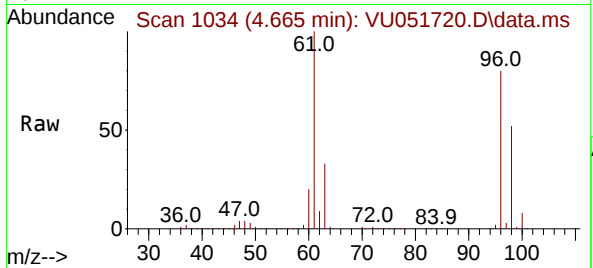




#22
cis-1,2-Dichloroethene
Concen: 67.715 ug/L
RT: 4.665 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

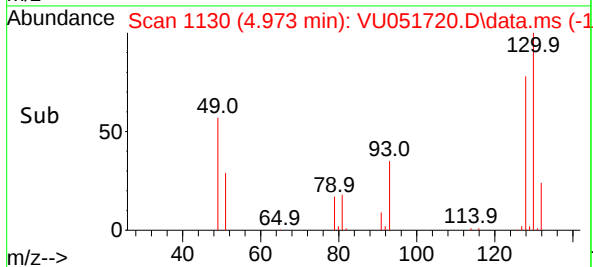
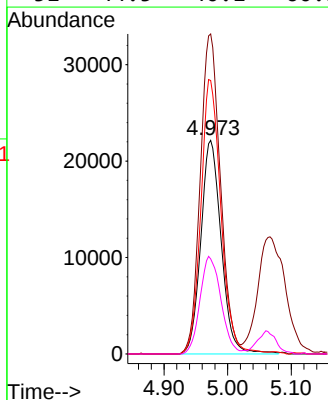
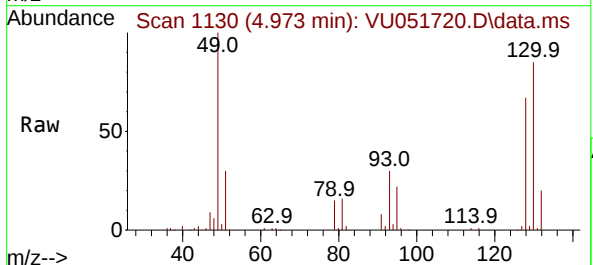
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

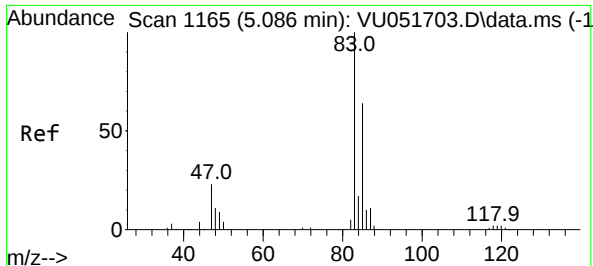
Tgt Ion: 96 Resp: 1243238
Ion Ratio Lower Upper
96 100
61 125.1 86.4 160.4
98 64.9 44.2 82.2



#23
Bromochloromethane
Concen: 5.742 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion:128 Resp: 49294
Ion Ratio Lower Upper
128 100
49 149.8 105.5 195.9
130 128.0 93.5 173.7
51 44.5 40.1 60.1





#25

Chloroform

Concen: 5.718 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

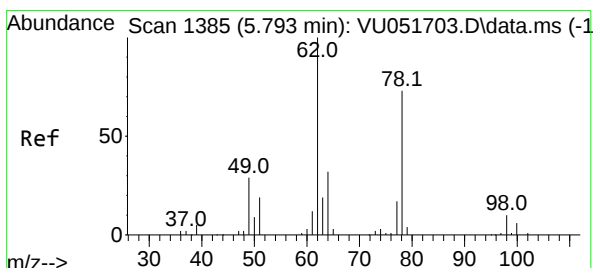
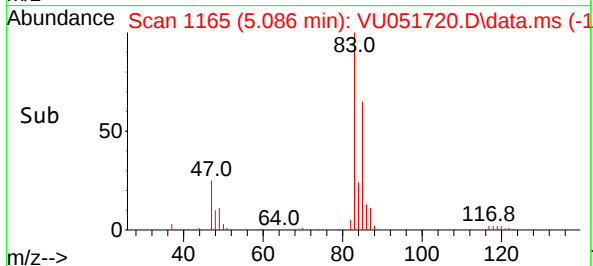
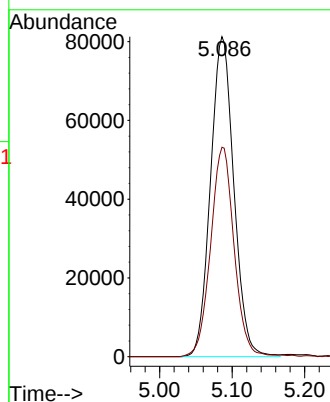
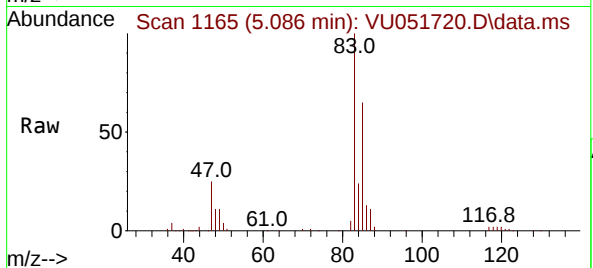
DBWP7MS

Tgt Ion: 83 Resp: 181558

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.482 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051720.D

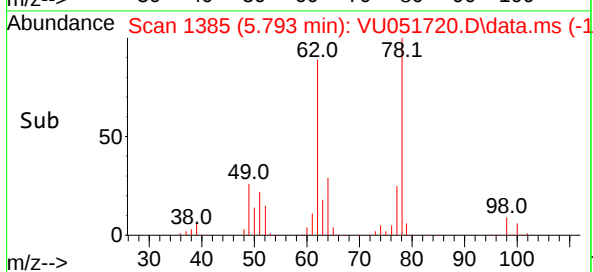
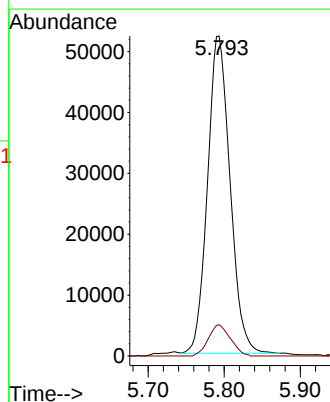
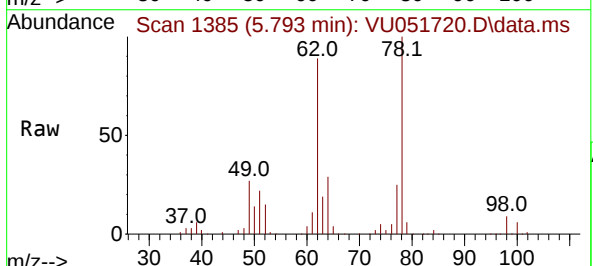
Acq: 03 Nov 2022 03:58

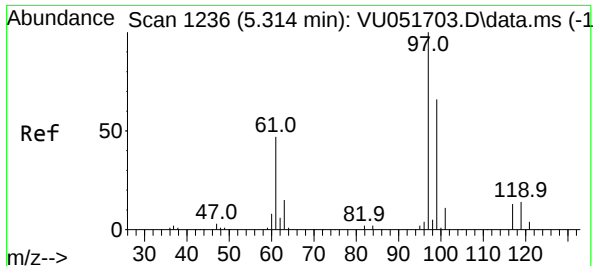
Tgt Ion: 62 Resp: 107109

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0

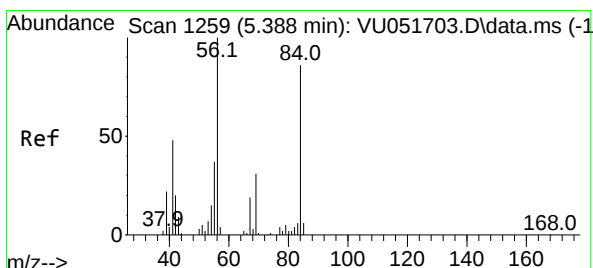
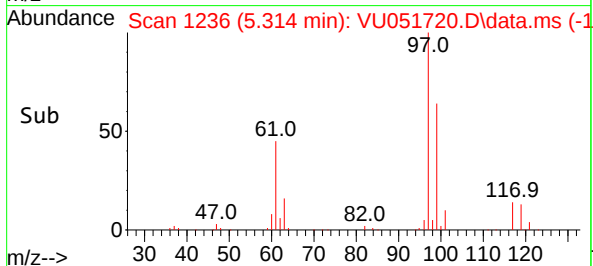
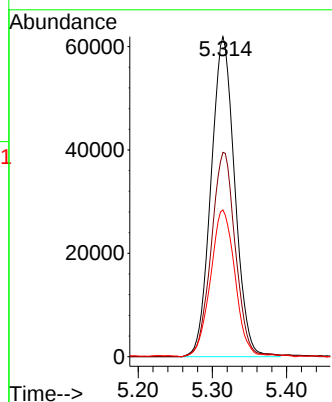
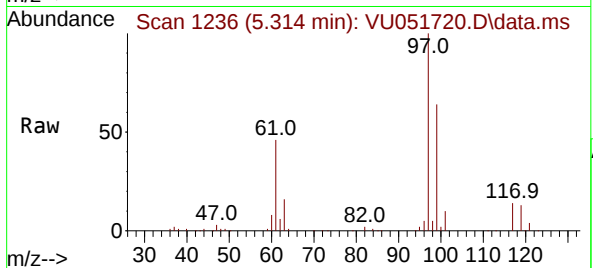




#29
1,1,1-Trichloroethane
Concen: 5.329 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

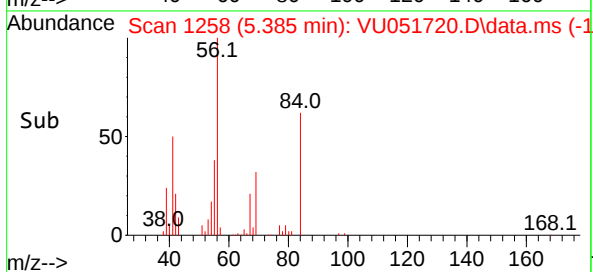
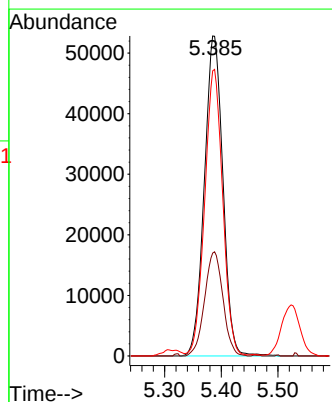
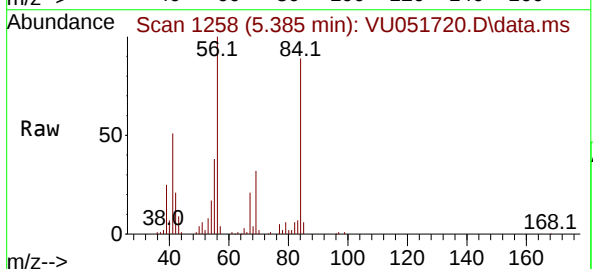
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

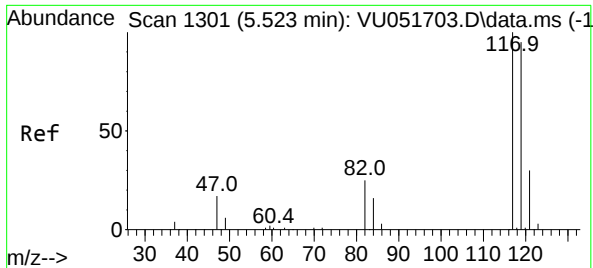
Tgt Ion: 97 Resp: 137371
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 47.3 37.4 56.0



#30
Cyclohexane
Concen: 5.063 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 56 Resp: 120175
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.0
84 86.0 71.4 107.0

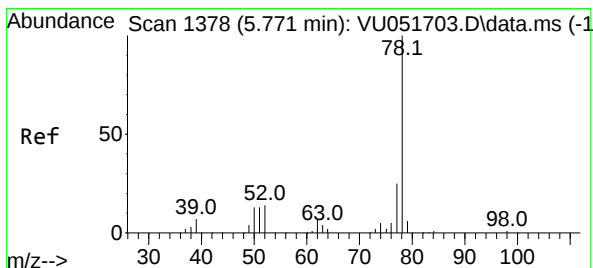
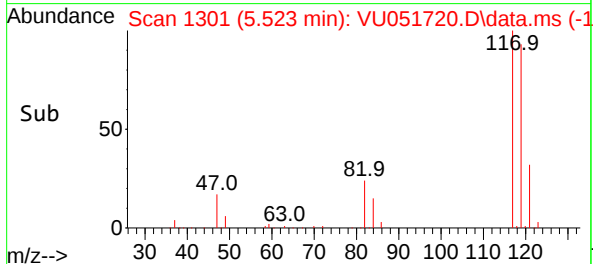
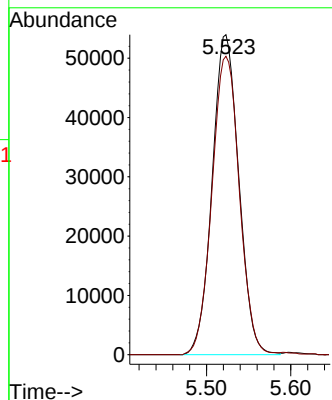
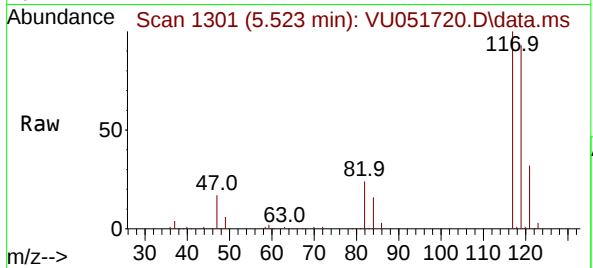




#31
Carbon tetrachloride
Concen: 5.369 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

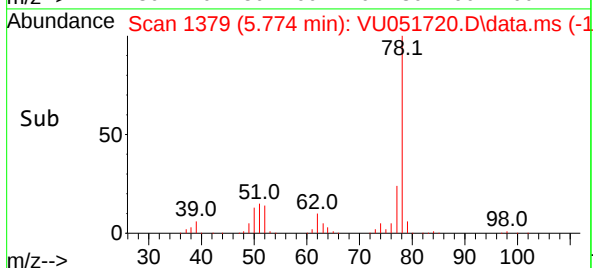
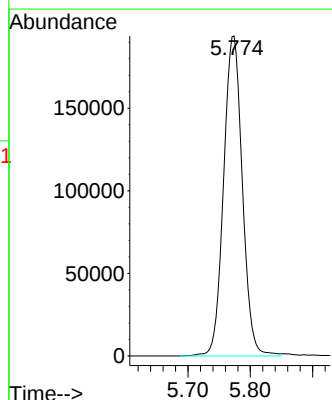
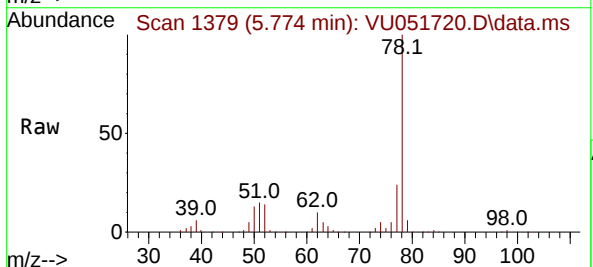
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

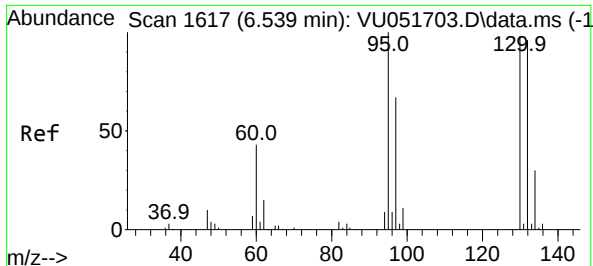
Tgt Ion:117 Resp: 118355
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 5.402 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 78 Resp: 404697

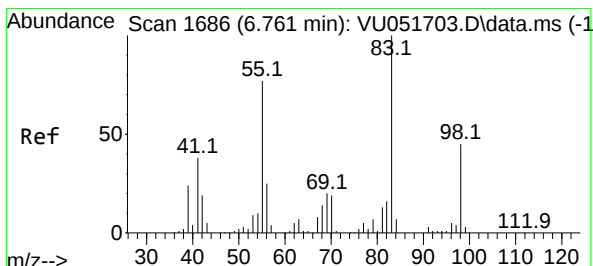
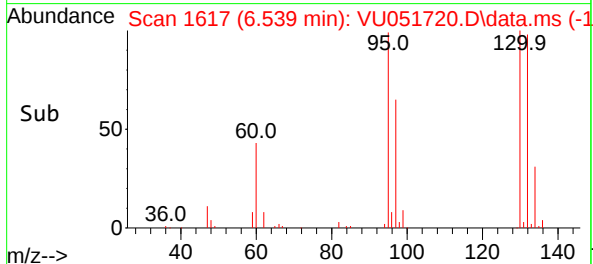
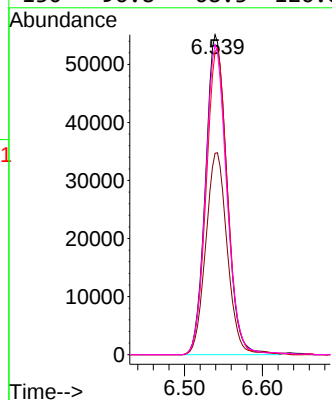
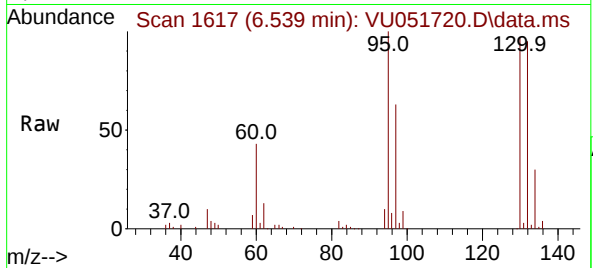




#34
Trichloroethene
Concen: 5.802 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

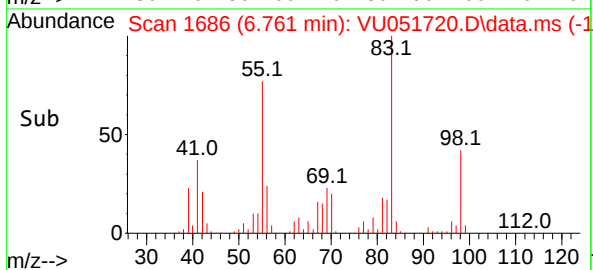
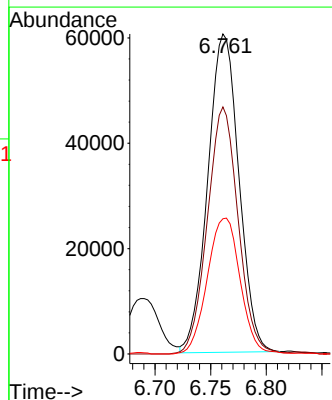
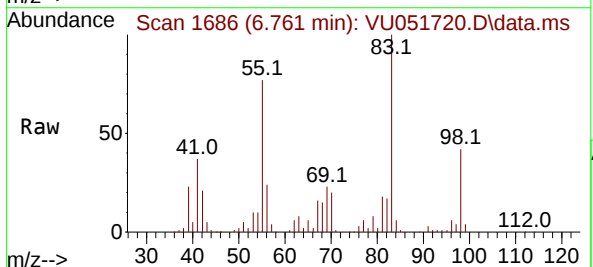
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

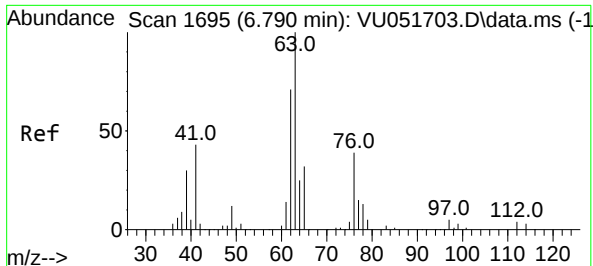
Tgt Ion: 95 Resp: 104894
Ion Ratio Lower Upper
95 100
97 63.0 45.2 84.0
132 94.7 66.5 123.5
130 96.8 68.3 126.8



#35
Methylcyclohexane
Concen: 4.701 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 83 Resp: 117530
Ion Ratio Lower Upper
83 100
55 76.7 60.6 90.8
98 45.0 35.8 53.6

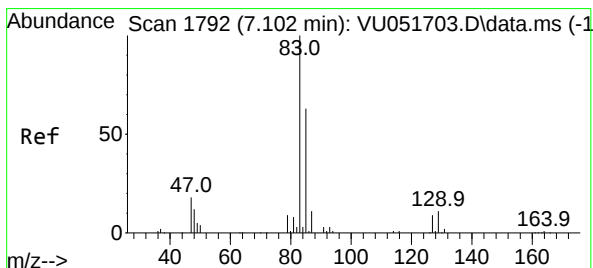
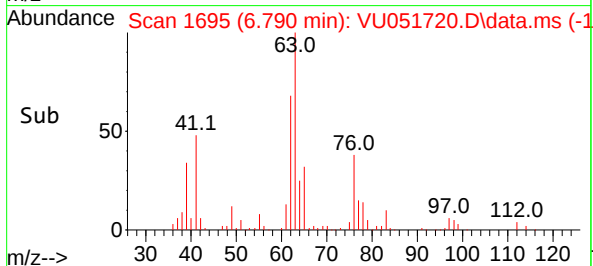
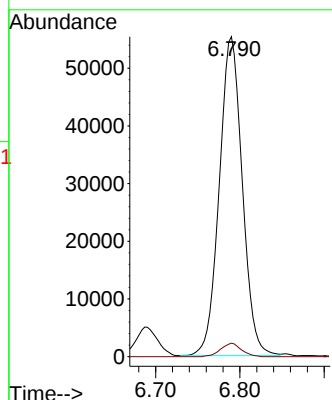
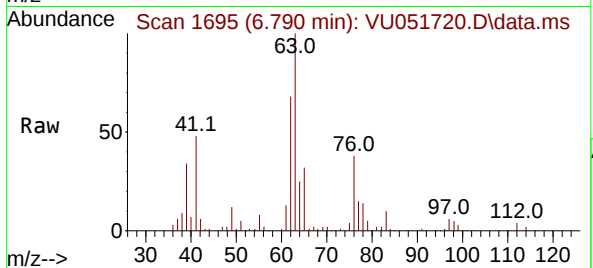




#37
1,2-Dichloropropane
Concen: 5.431 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

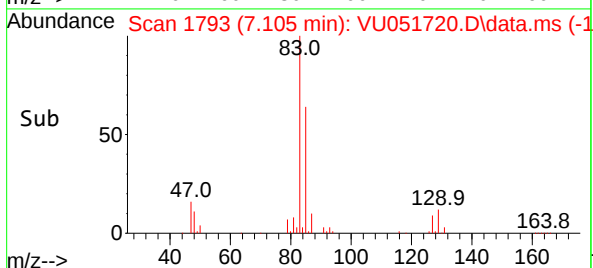
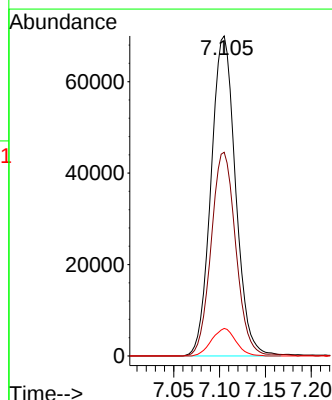
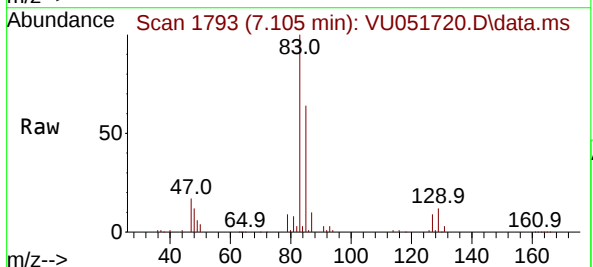
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

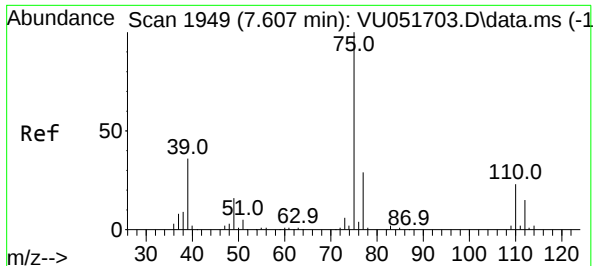
Tgt Ion: 63 Resp: 104655
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 5.528 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 83 Resp: 130112
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

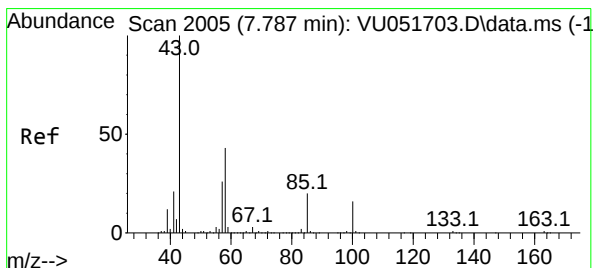
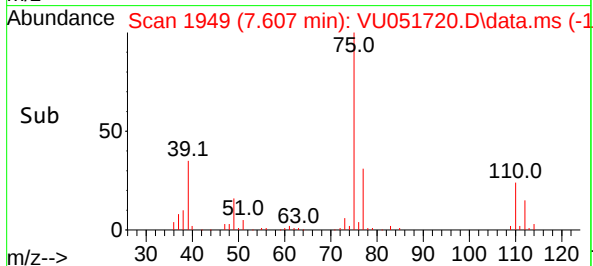
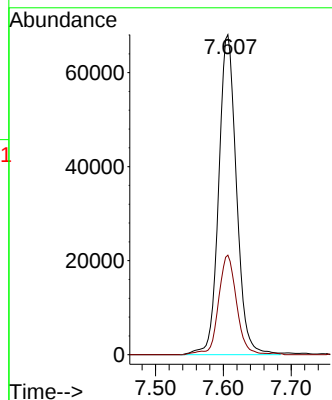
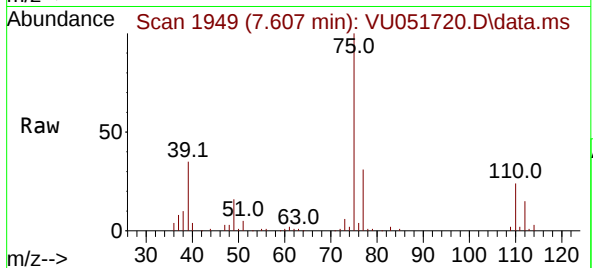
DBWP7MS

Tgt Ion: 75 Resp: 124081

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.146 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

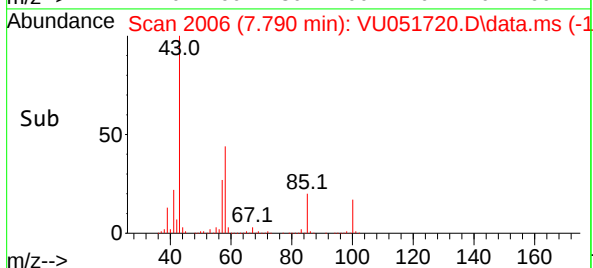
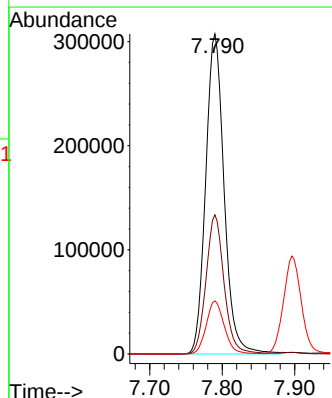
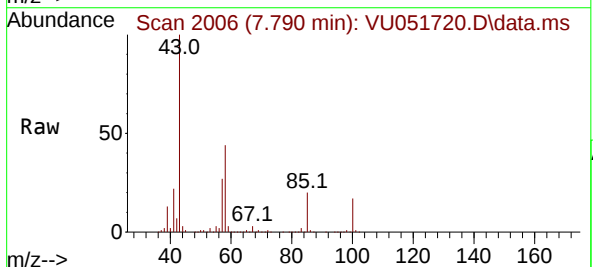
Tgt Ion: 43 Resp: 542672

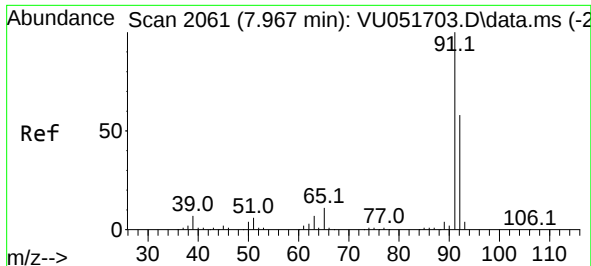
Ion Ratio Lower Upper

43 100

58 42.6 35.0 52.6

100 16.3 13.4 20.0





#42

Toluene

Concen: 5.581 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

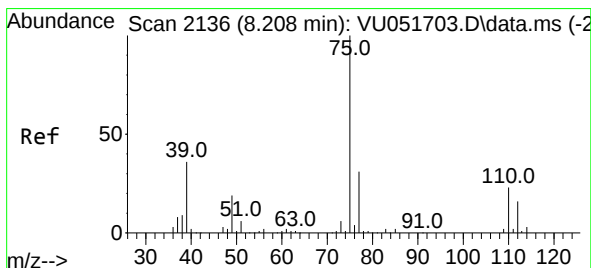
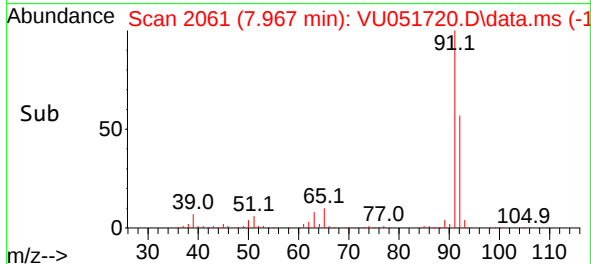
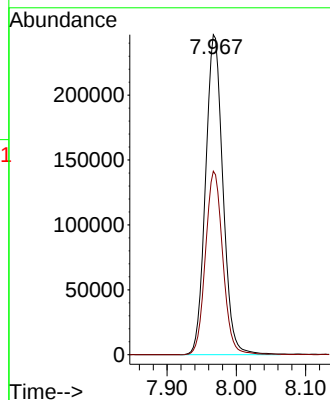
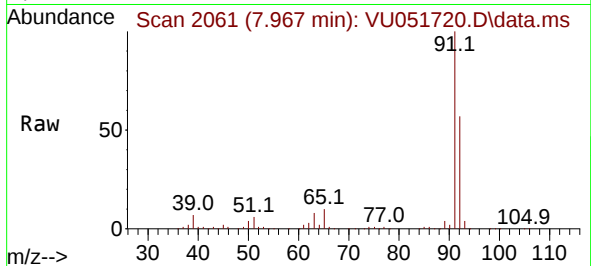
DBWP7MS

Tgt Ion: 91 Resp: 429435

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.209 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051720.D

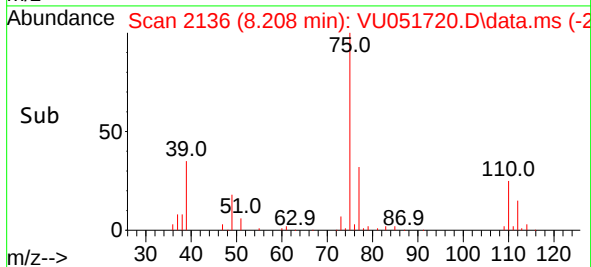
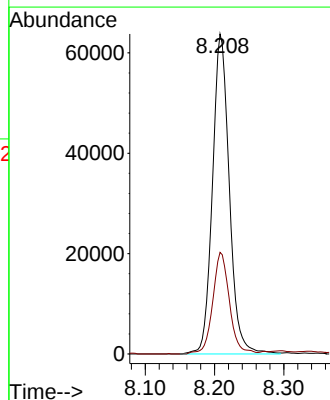
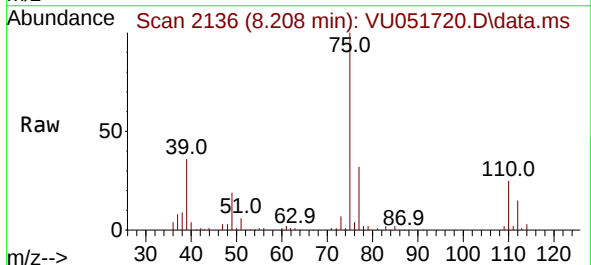
Acq: 03 Nov 2022 03:58

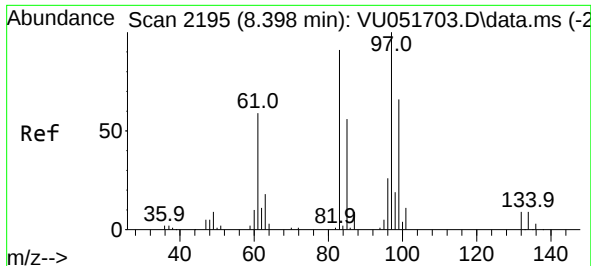
Tgt Ion: 75 Resp: 107616

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.652 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MS

Tgt Ion: 97 Resp: 79815

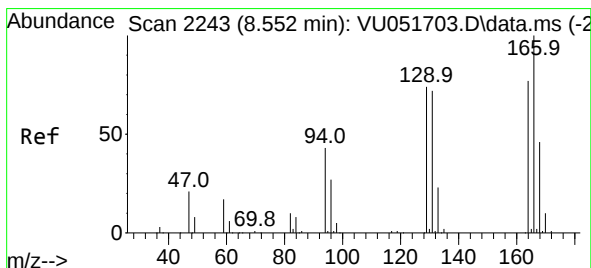
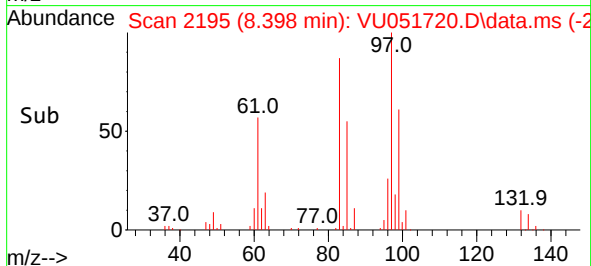
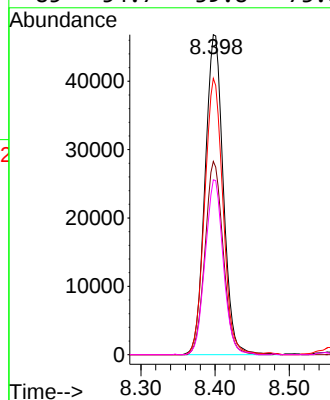
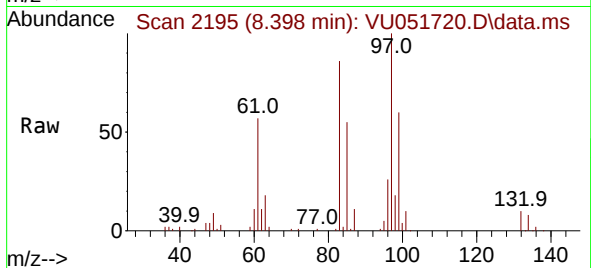
Ion Ratio Lower Upper

97 100

99 60.4 43.4 80.6

83 86.4 61.3 113.9

85 54.7 39.8 73.8



#47

Tetrachloroethene

Concen: 5.107 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Tgt Ion: 164 Resp: 70721

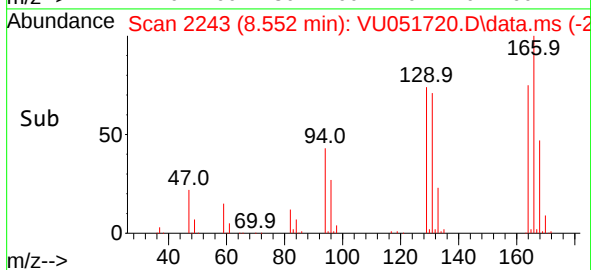
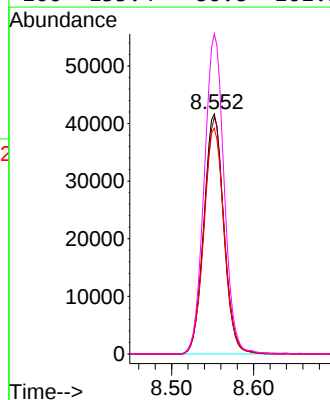
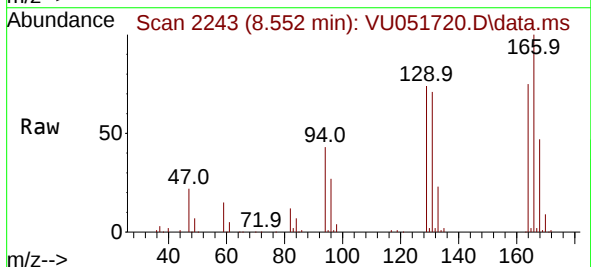
Ion Ratio Lower Upper

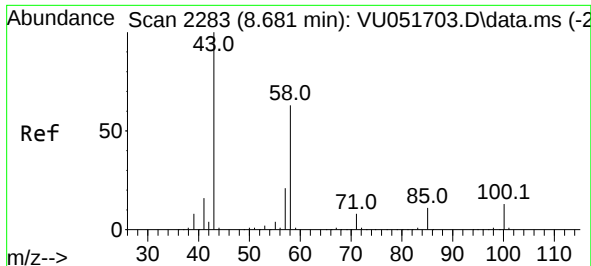
164 100

129 98.6 64.0 118.8

131 94.2 60.7 112.7

166 133.4 86.8 161.2

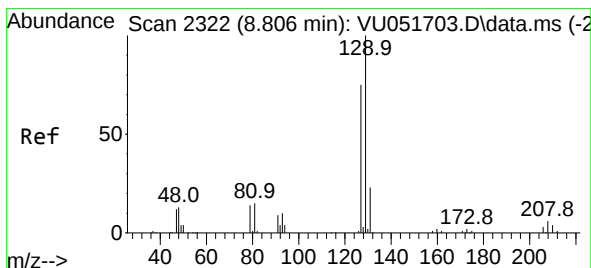
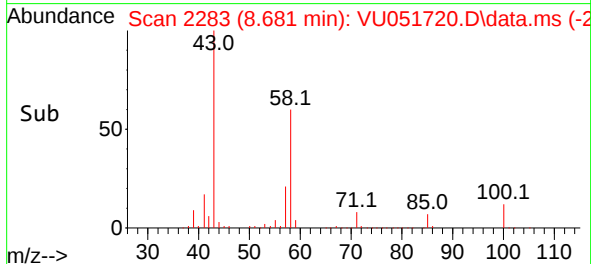
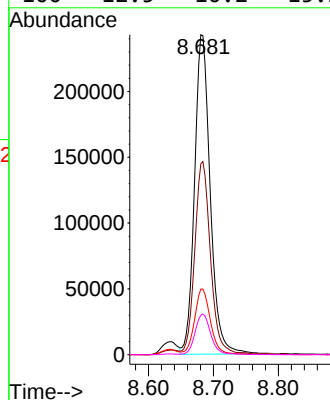
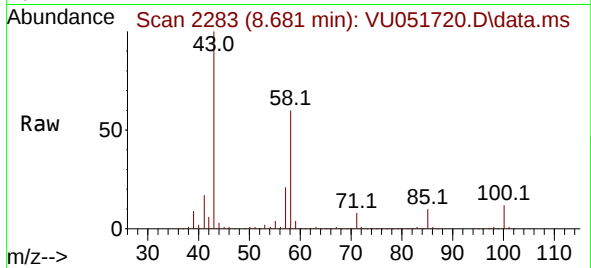




#48
2-Hexanone
Concen: 57.206 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

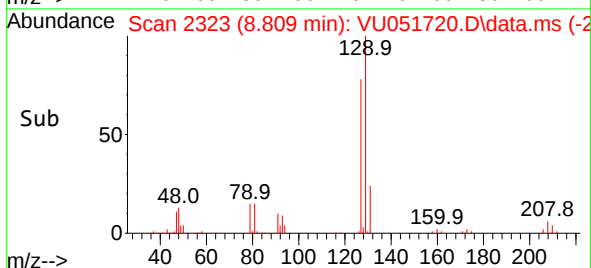
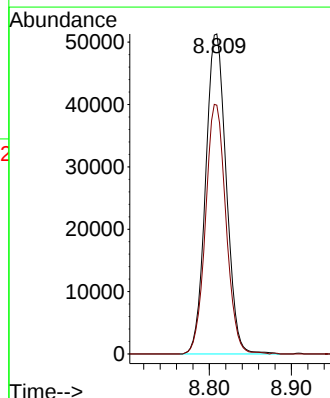
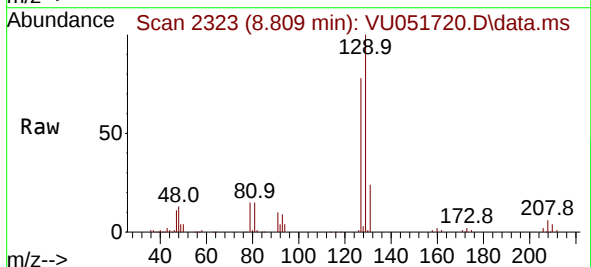
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

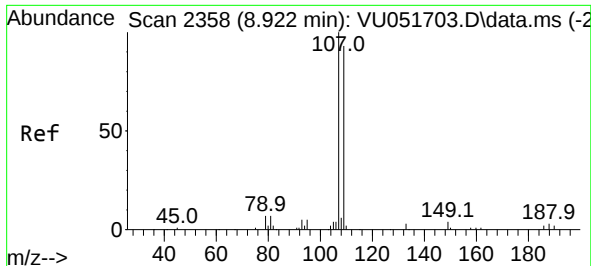
Tgt Ion: 43 Resp: 409271
Ion Ratio Lower Upper
43 100
58 60.0 48.2 72.2
57 20.4 16.6 25.0
100 12.5 10.2 15.2



#49
Dibromochloromethane
Concen: 5.526 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 129 Resp: 89143
Ion Ratio Lower Upper
129 100
127 77.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.501 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MS

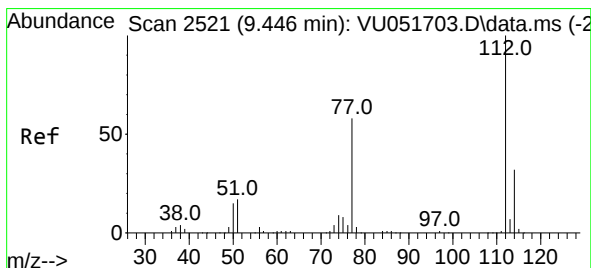
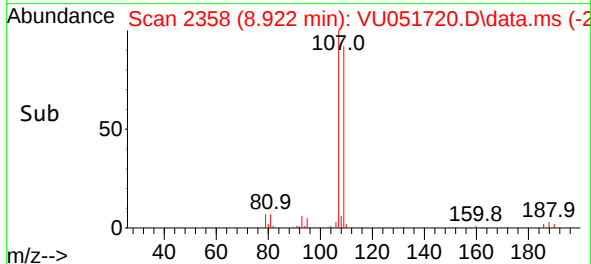
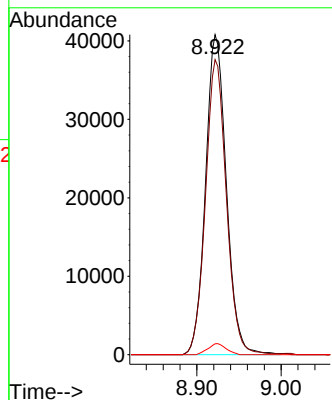
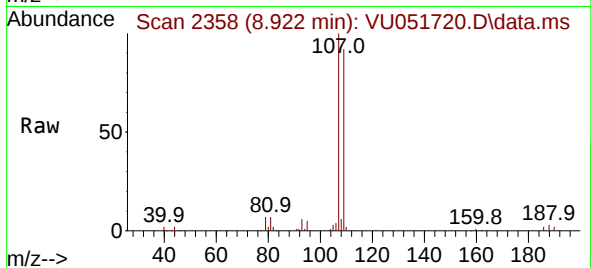
Tgt Ion:107 Resp: 70085

Ion Ratio Lower Upper

107 100

109 92.2 63.0 117.0

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 5.423 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

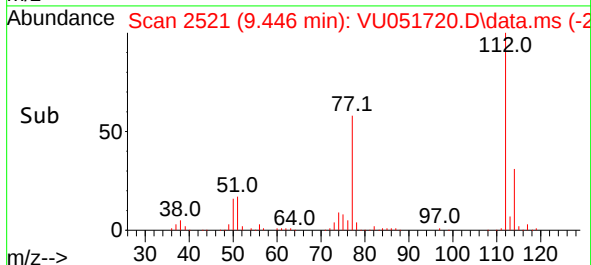
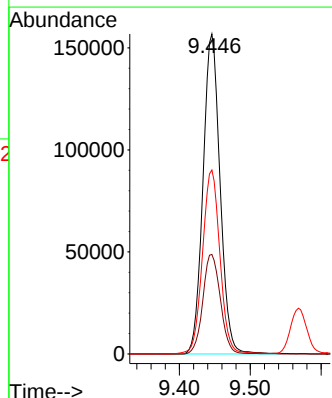
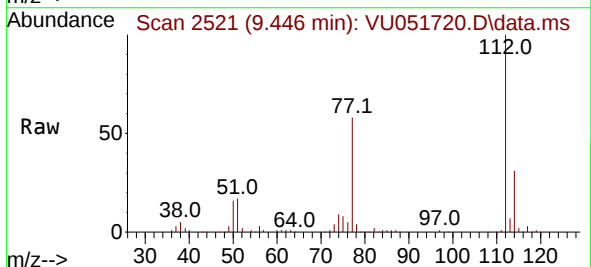
Tgt Ion:112 Resp: 262600

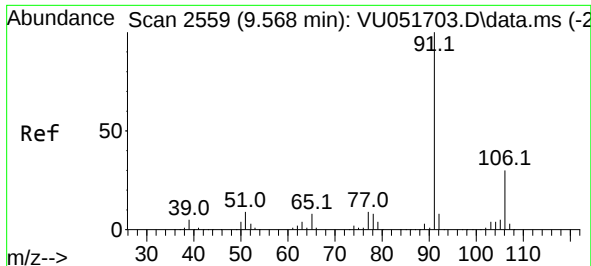
Ion Ratio Lower Upper

112 100

114 31.1 22.0 40.8

77 57.5 46.7 70.1

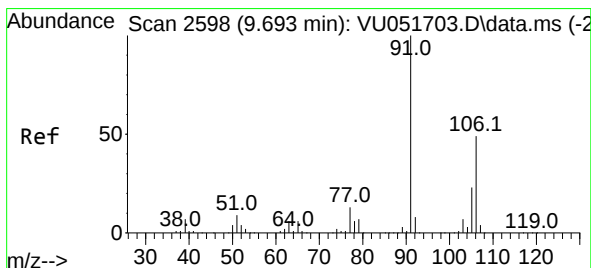
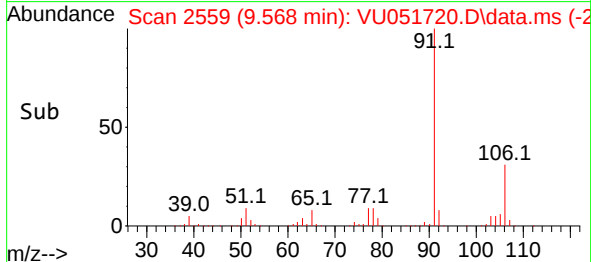
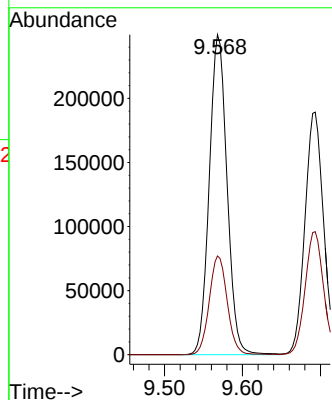
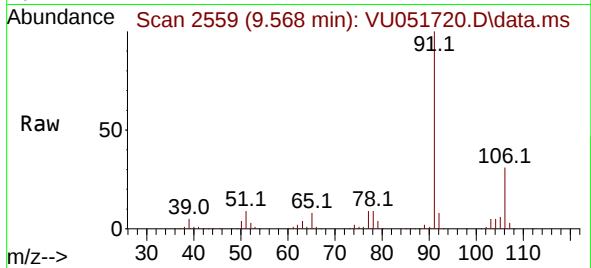




#52
Ethylbenzene
Concen: 5.326 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

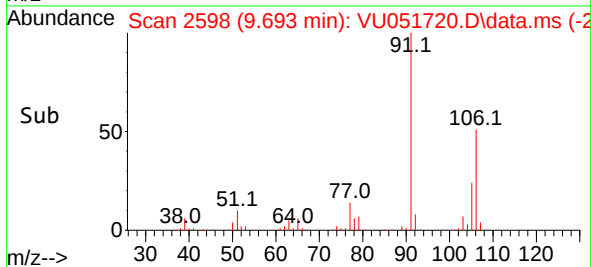
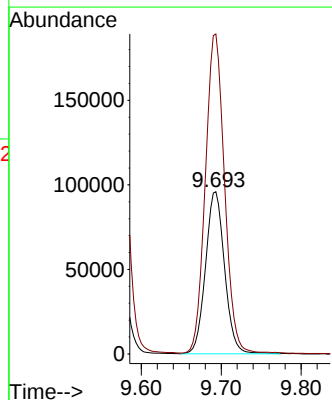
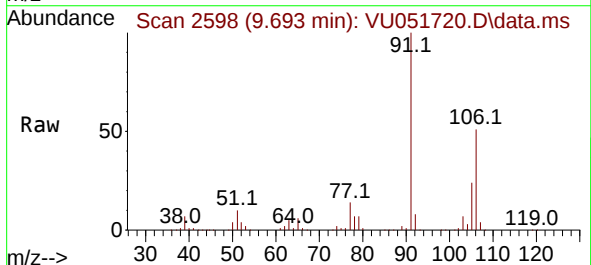
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

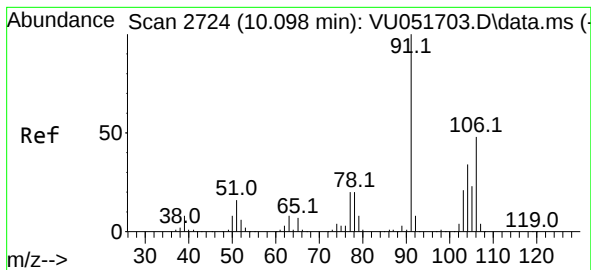
Tgt Ion: 91 Resp: 395415
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 5.511 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 106 Resp: 158908
Ion Ratio Lower Upper
106 100
91 197.2 139.4 259.0





#54

o-Xylene

Concen: 5.416 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

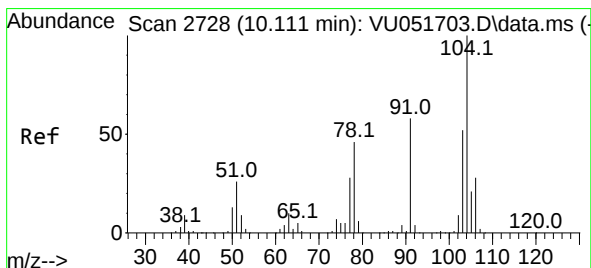
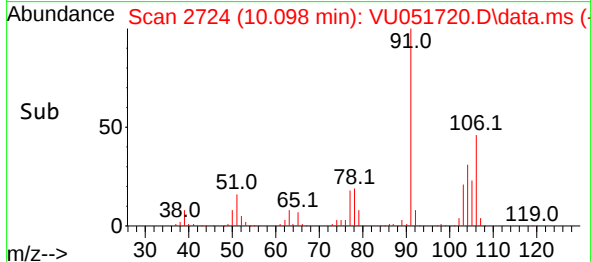
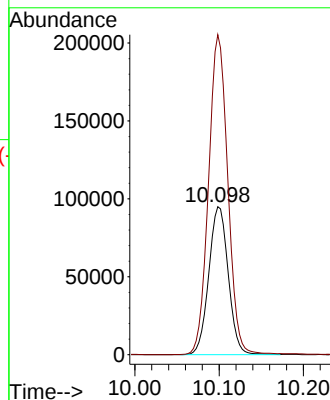
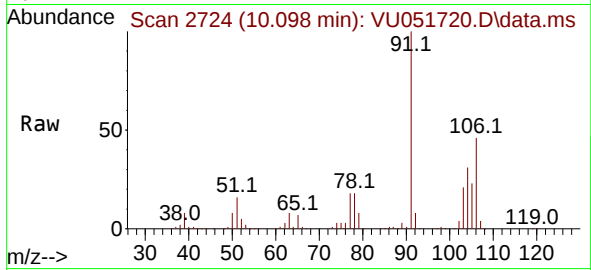
DBWP7MS

Tgt Ion:106 Resp: 152620

Ion Ratio Lower Upper

106 100

91 216.2 149.2 277.2



#55

Styrene

Concen: 5.670 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU051720.D

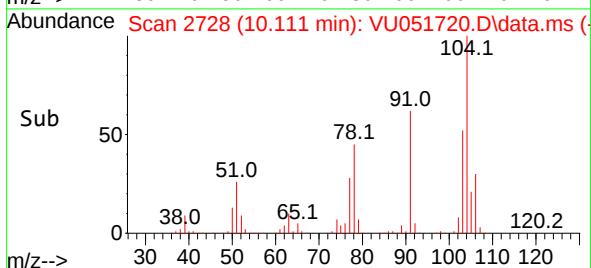
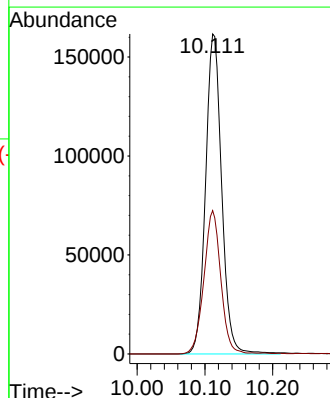
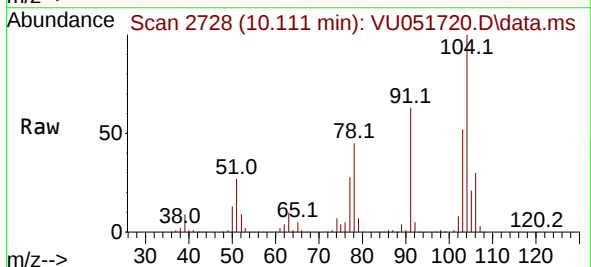
Acq: 03 Nov 2022 03:58

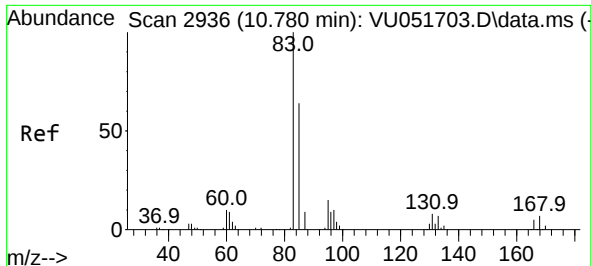
Tgt Ion:104 Resp: 267158

Ion Ratio Lower Upper

104 100

78 44.8 31.8 59.0

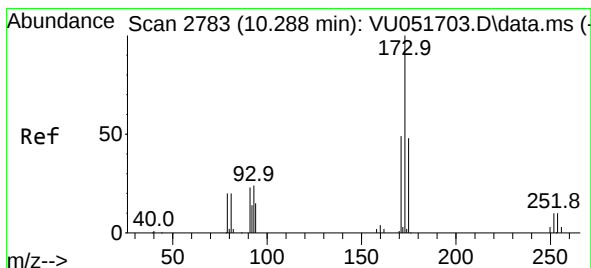
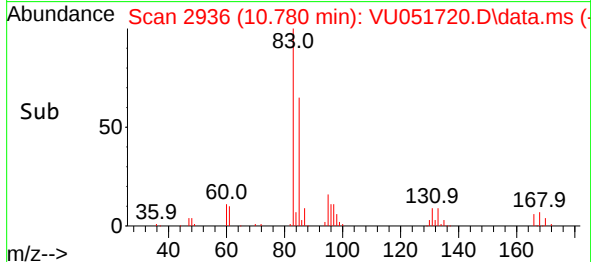
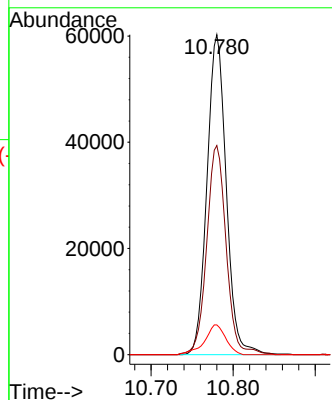
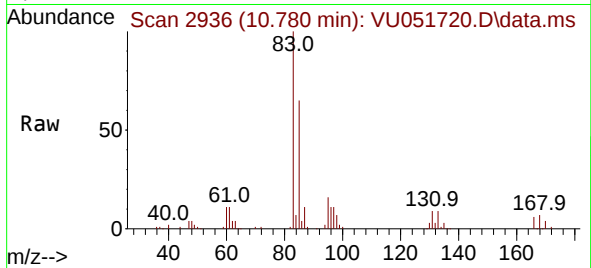




#57
1,1,2,2-Tetrachloroethane
Concen: 5.611 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

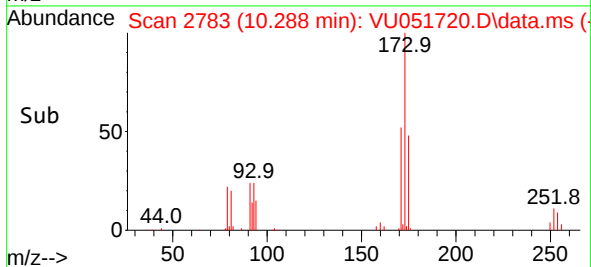
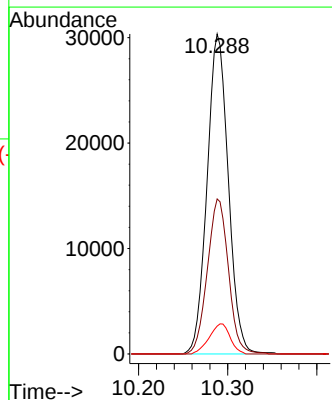
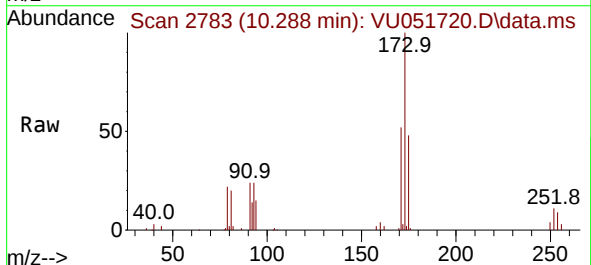
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

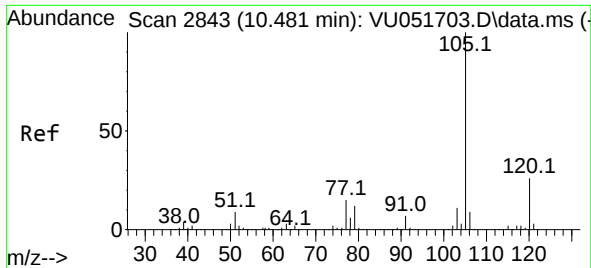
Tgt Ion: 83 Resp: 98243
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5
131 9.3 7.8 11.8



#59
Bromoform
Concen: 5.082 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 173 Resp: 50164
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 9.3 7.3 10.9

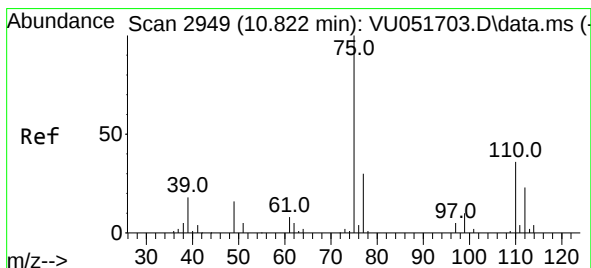
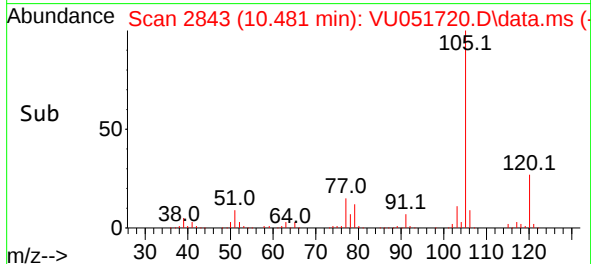
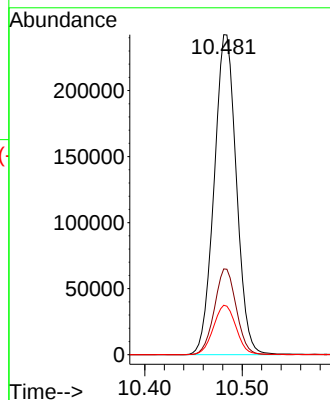
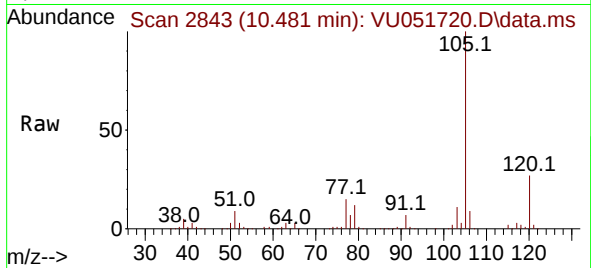




#60
Isopropylbenzene
Concen: 4.919 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

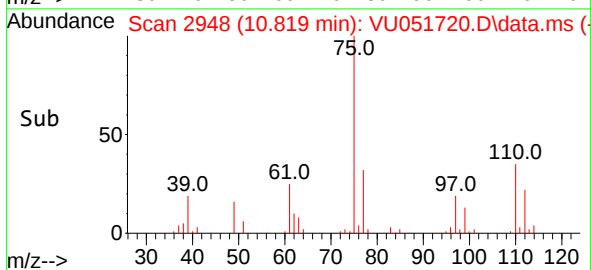
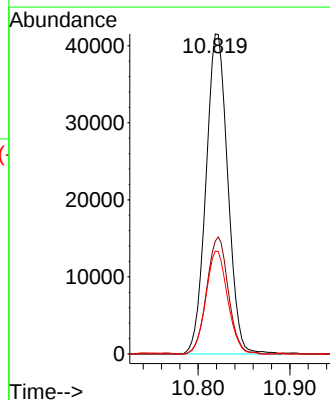
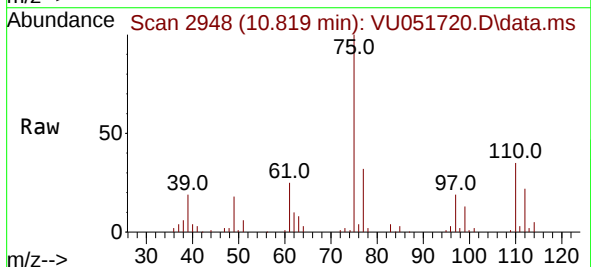
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

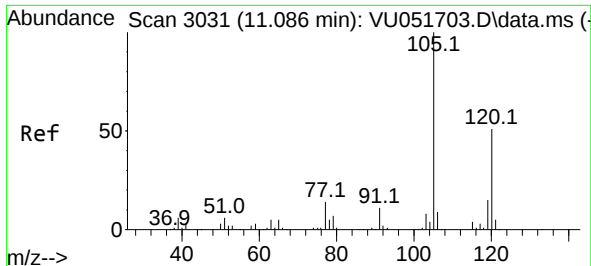
Tgt Ion:105 Resp: 383671
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 15.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.965 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion: 75 Resp: 68599
Ion Ratio Lower Upper
75 100
110 36.2 28.7 43.1
77 32.2 26.1 39.1

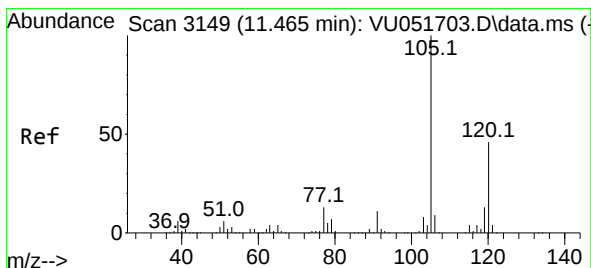
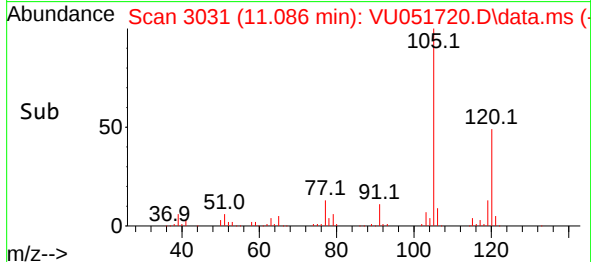
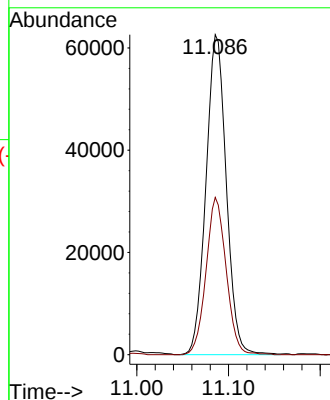
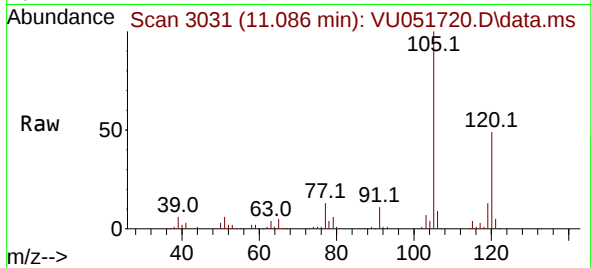




#62
1,3,5-Trimethylbenzene
Concen: 4.589 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

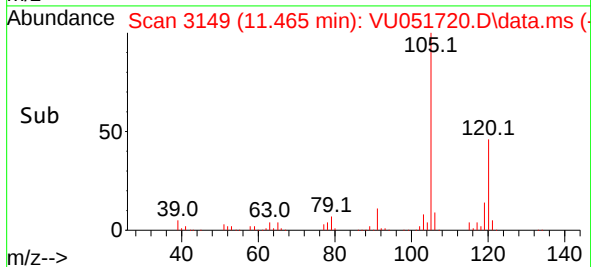
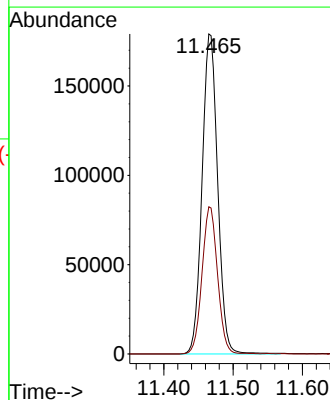
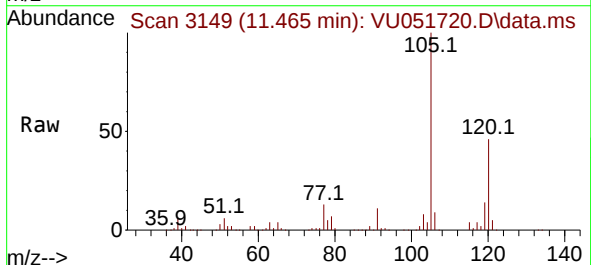
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

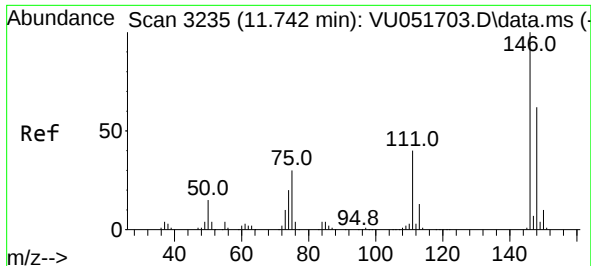
Tgt Ion:105 Resp: 96364
Ion Ratio Lower Upper
105 100
120 48.7 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.614 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion:105 Resp: 279332
Ion Ratio Lower Upper
105 100
120 45.8 35.8 53.6

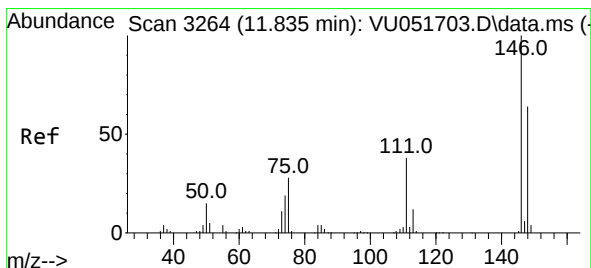
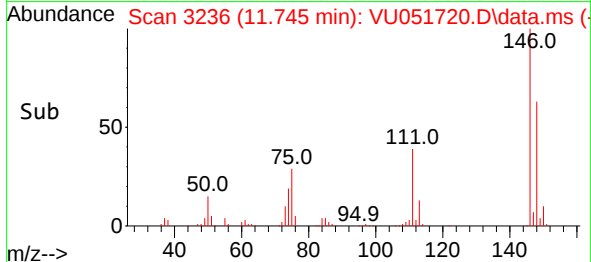
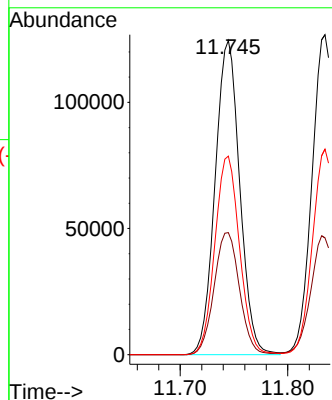
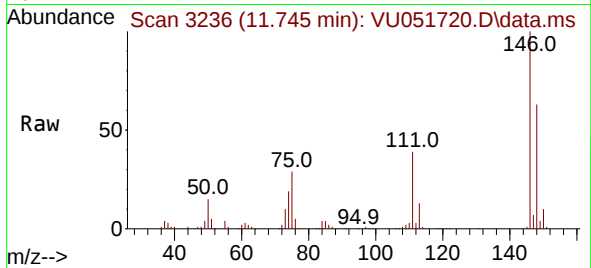




#64
 1,3-Dichlorobenzene
 Concen: 5.110 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

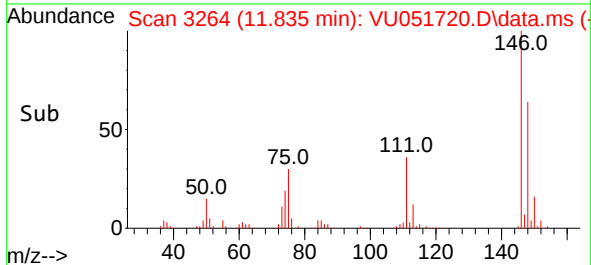
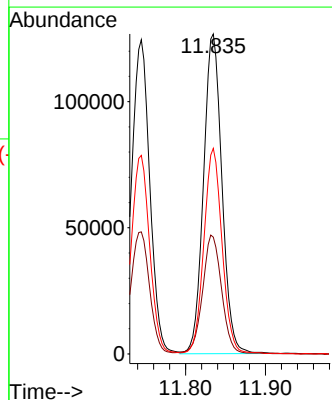
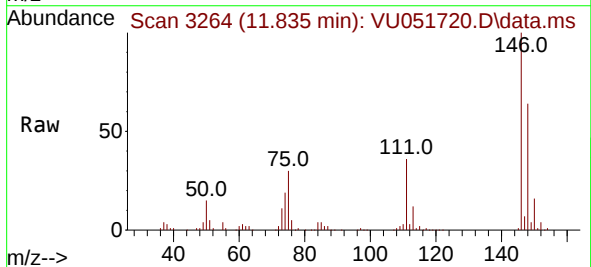
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7MS

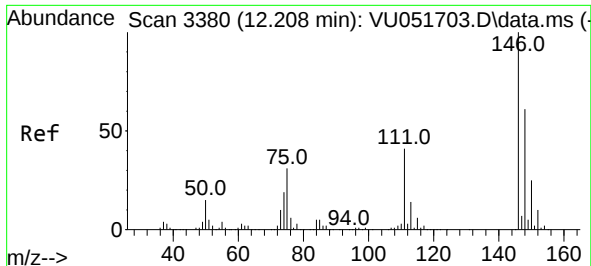
Tgt Ion:146 Resp: 198415
 Ion Ratio Lower Upper
 146 100
 111 38.9 28.6 53.2
 148 63.2 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 5.223 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

Tgt Ion:146 Resp: 203331
 Ion Ratio Lower Upper
 146 100
 111 36.5 26.7 49.5
 148 64.3 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.116 ug/L

RT: 12.211 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MS

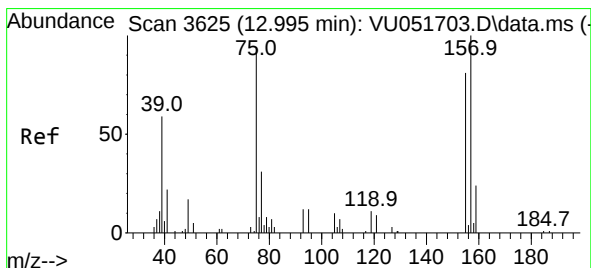
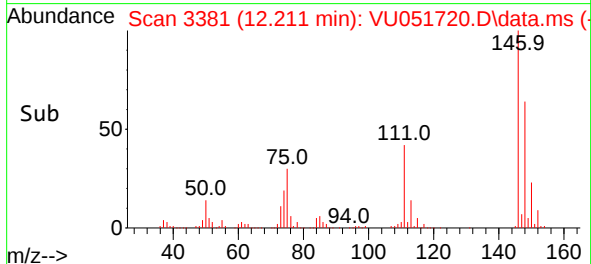
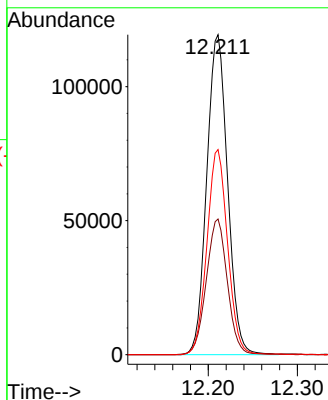
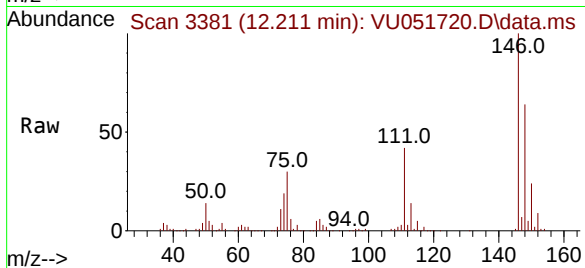
Tgt Ion:146 Resp: 193501

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.2

148 64.1 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.015 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051720.D

Acq: 03 Nov 2022 03:58

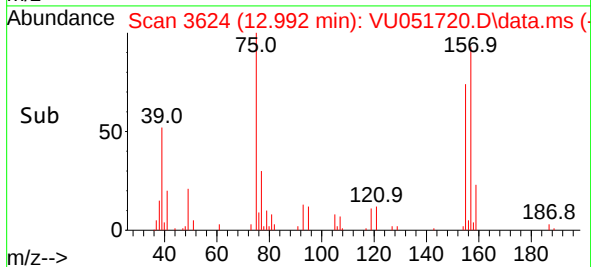
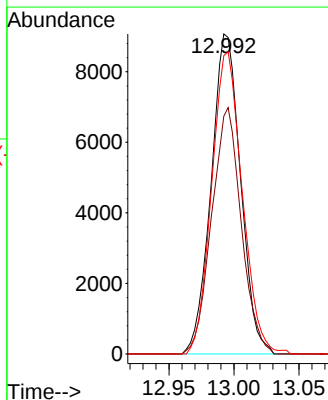
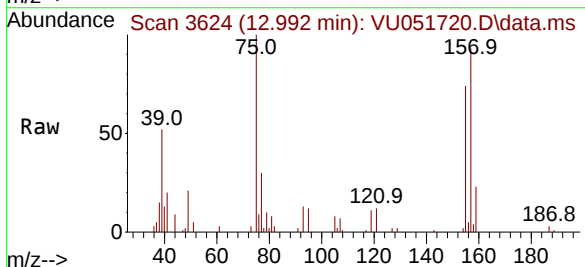
Tgt Ion: 75 Resp: 14266

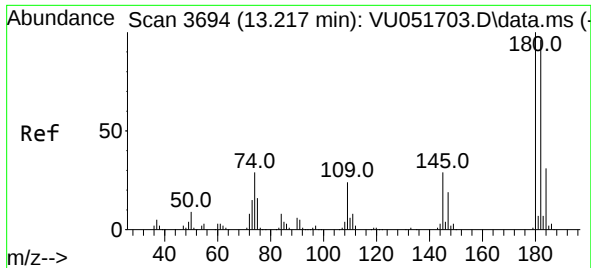
Ion Ratio Lower Upper

75 100

155 74.3 61.4 92.2

157 93.2 86.7 130.1

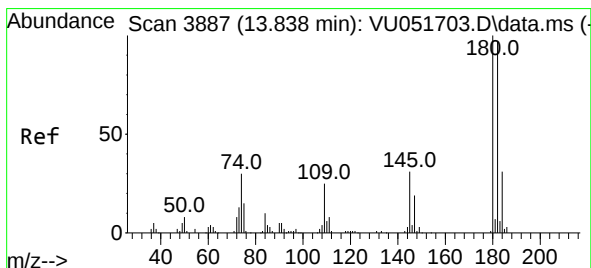
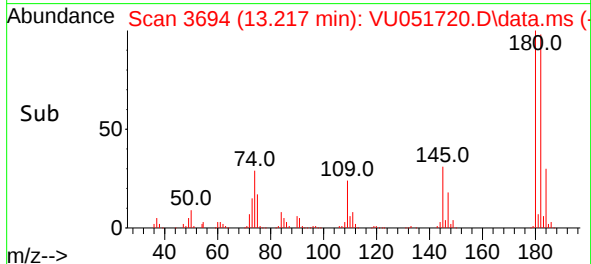
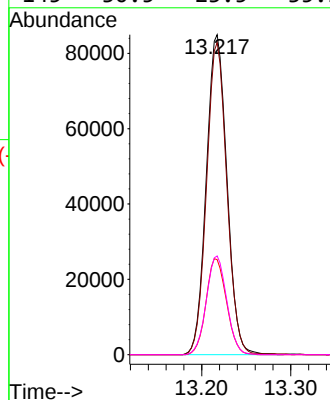
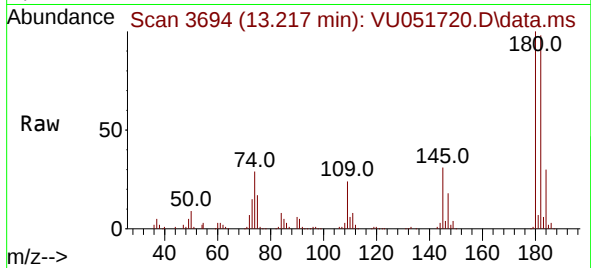




#69
 1,3,5-Trichlorobenzene
 Concen: 4.941 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

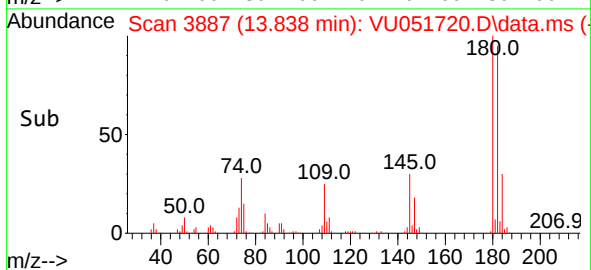
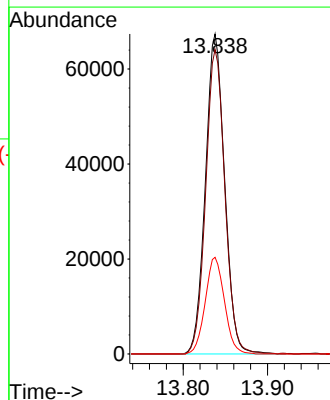
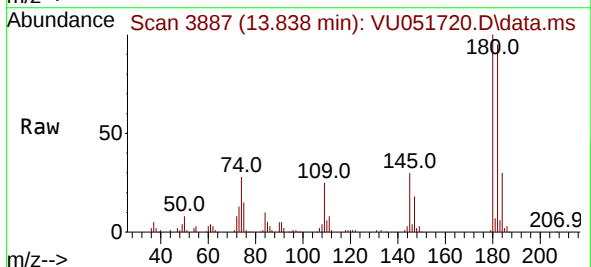
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7MS

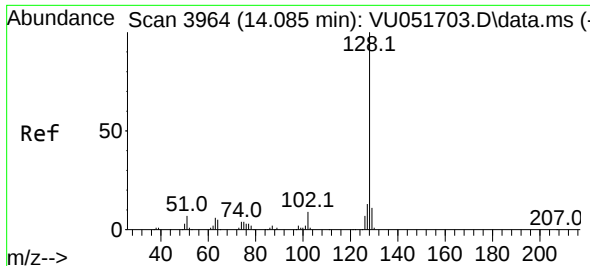
Tgt Ion:180 Resp: 136754
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 29.7 23.7 35.5
 145 30.5 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.042 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051720.D
 Acq: 03 Nov 2022 03:58

Tgt Ion:180 Resp: 107123
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.8 116.6
 145 30.1 25.0 37.6

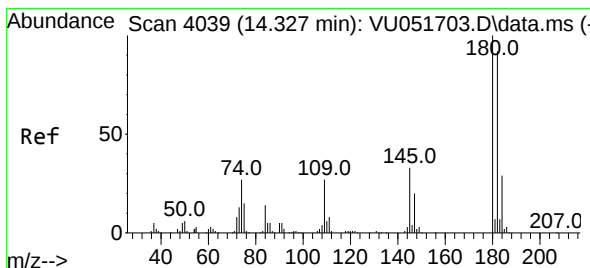
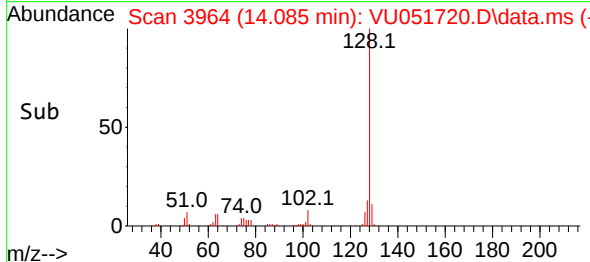
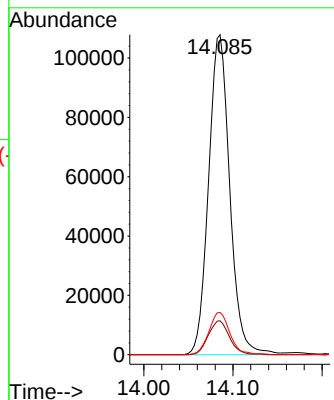
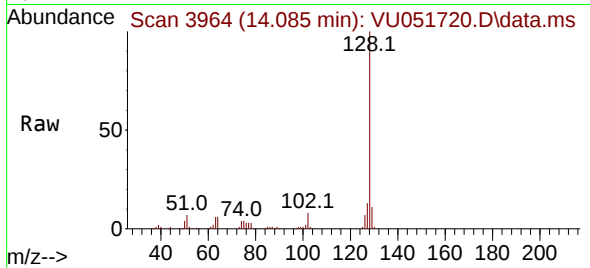




#71
Naphthalene
Concen: 4.487 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

Tgt Ion:128 Resp: 177961
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.968 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051720.D
Acq: 03 Nov 2022 03:58

Tgt Ion:180 Resp: 106587
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
145 32.6 25.6 38.4

