

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053390.D
 Acq On : 24 Mar 2023 13:55
 Operator : JC/MD
 Sample : VSTD02017
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 24 22:46:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 22:43:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	148317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	217305	27.429	ug/L	0.00
7) Chloroethane-d5	1.912	69	196561	26.695	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	96568	26.721	ug/L	0.00
20) 2-Butanone-d5	4.632	46	515846	229.588	ug/L	0.00
24) Chloroform-d	5.057	84	417673	24.209	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	210648	23.979	ug/L	0.00
32) Benzene-d6	5.722	84	874572	25.641	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	266200	22.931	ug/L	0.00
41) Toluene-d8	7.893	98	841427	26.779	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	106739	23.062	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	443845	219.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	230726	23.444	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	302254	24.841	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	230524	21.170	ug/L	99
3) Chloromethane	1.517	50	218013	19.456	ug/L	100
5) Vinyl chloride	1.604	62	252014	20.496	ug/L	99
6) Bromomethane	1.858	94	163708	21.362	ug/L	97
8) Chloroethane	1.935	64	142214	19.329	ug/L	98
9) Trichlorofluoromethane	2.137	101	375901	21.508	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	193860	20.457	ug/L	98
12) 1,1-Dichloroethene	2.578	96	178194	20.453	ug/L	97
13) Acetone	2.655	43	251746	162.247	ug/L #	51
14) Carbon disulfide	2.790	76	545813	21.059	ug/L	99
15) Methyl Acetate	2.954	43	65339	17.936	ug/L	95
16) Methylene chloride	3.041	84	190610	18.824	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	441507	19.105	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	183483	19.838	ug/L	98
19) 1,1-Dichloroethane	3.864	63	334705	19.449	ug/L	97
21) 2-Butanone	4.710	43	438966	194.122	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	209066	20.013	ug/L	98
23) Bromochloromethane	4.970	128	89257	21.784	ug/L	97
25) Chloroform	5.083	83	354986	19.784	ug/L	99
27) 1,2-Dichloroethane	5.787	62	222107	20.135	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	300015	18.400	ug/L	98
30) Cyclohexane	5.382	56	316735	19.191	ug/L	99
31) Carbon tetrachloride	5.520	117	256907	18.954	ug/L	99
33) Benzene	5.767	78	774249	19.408	ug/L	100
34) Trichloroethene	6.536	95	210216	18.761	ug/L	95
35) Methylcyclohexane	6.758	83	368667	20.096	ug/L	98
37) 1,2-Dichloropropane	6.784	63	204949	18.909	ug/L	99
38) Bromodichloromethane	7.102	83	249803	18.126	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	323313	19.008	ug/L	95
40) 4-Methyl-2-pentanone	7.787	43	1033942	184.589	ug/L	100
42) Toluene	7.964	91	879694	20.196	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	267542	18.997	ug/L	100

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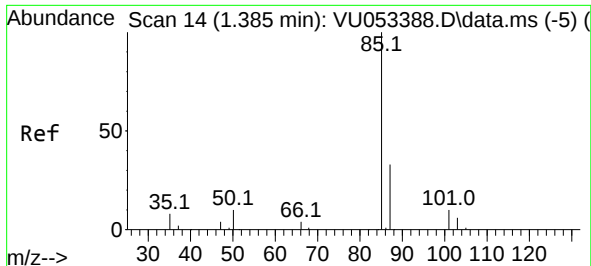
Instrument :
 MSVOA_U
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Quant Time: Mar 24 22:46:06 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.394	97	148400	18.929	ug/L	90
47) Tetrachloroethene	8.549	164	154844	20.916	ug/L	97
48) 2-Hexanone	8.681	43	759524	183.841	ug/L	98
49) Dibromochloromethane	8.806	129	166303	19.892	ug/L	97
50) 1,2-Dibromoethane	8.918	107	146712	20.265	ug/L #	98
51) Chlorobenzene	9.443	112	557134	20.441	ug/L	100
52) Ethylbenzene	9.565	91	991276	20.231	ug/L	98
53) m,p-Xylene	9.690	106	380817	20.645	ug/L	98
54) o-Xylene	10.095	106	371395	20.863	ug/L	96
55) Styrene	10.108	104	619466	21.571	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	195002	19.749	ug/L	98
59) Bromoform	10.285	173	88947	17.252	ug/L	98
60) Isopropylbenzene	10.478	105	1000132	18.734	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	129664	18.144	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	840228	18.687	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	861682	19.122	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	434908	19.806	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	436869	19.836	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	411094	20.052	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	29671	18.488	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	306768	19.780	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	266821	20.844	ug/L	98
71) Naphthalene	14.082	128	527335	20.770	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	237621	21.118	ug/L	99

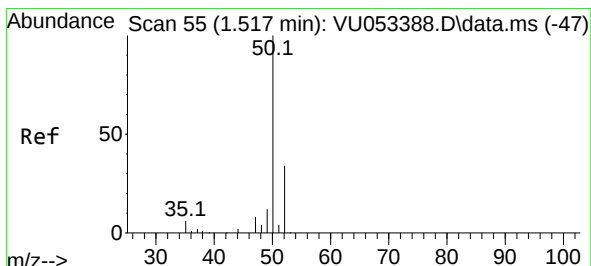
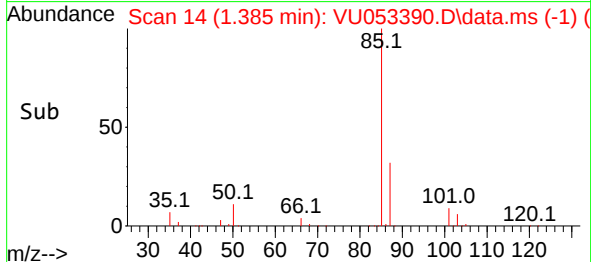
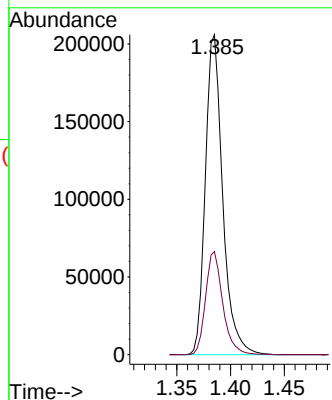
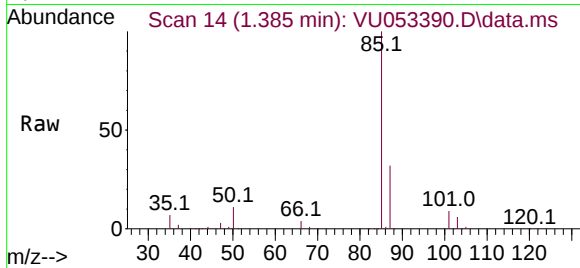
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#2
Dichlorodifluoromethane
Concen: 21.170 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

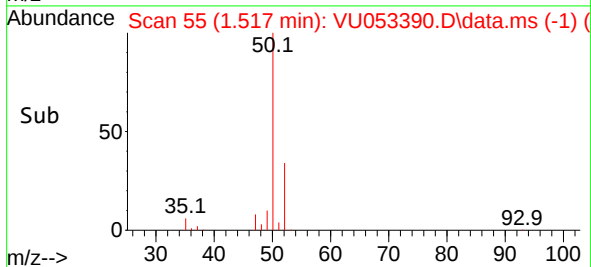
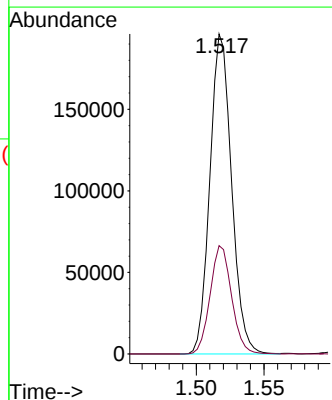
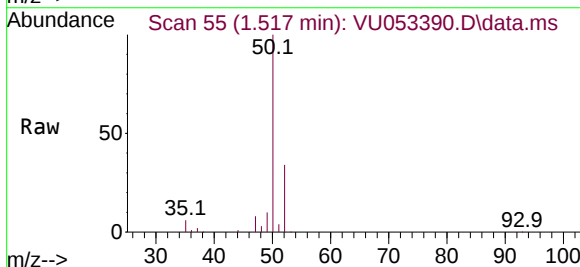
Instrument :
MSVOA_U
ClientSampleId :

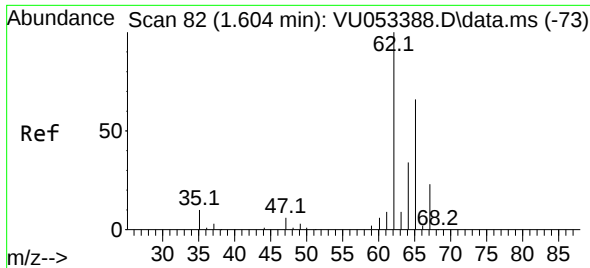
Tgt Ion: 85 Resp: 230524
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1



#3
Chloromethane
Concen: 19.456 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 50 Resp: 218013
Ion Ratio Lower Upper
50 100
52 33.9 23.9 44.3

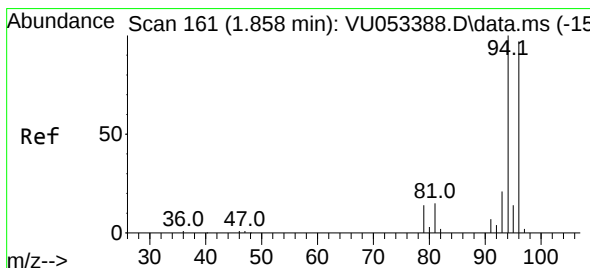
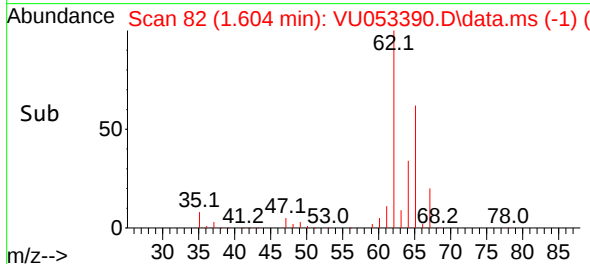
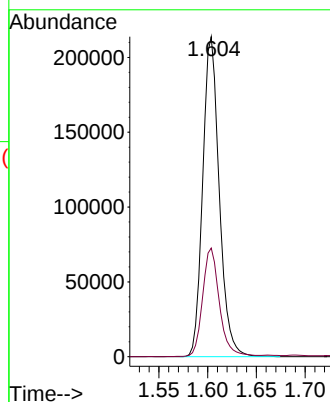
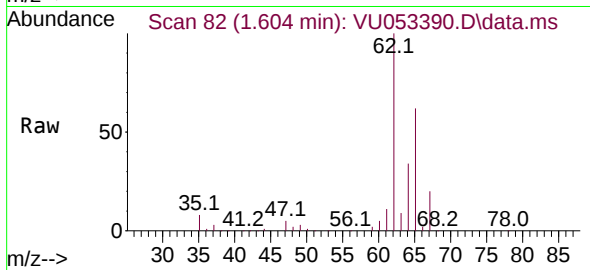




#5
 Vinyl chloride
 Concen: 20.496 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053390.D
 Acq: 24 Mar 2023 13:55

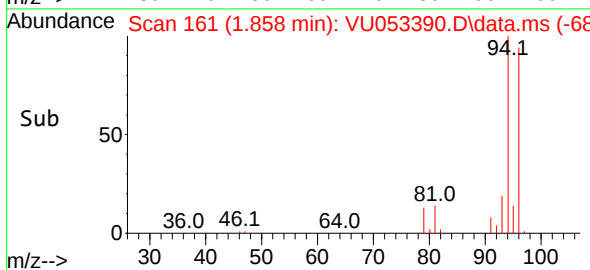
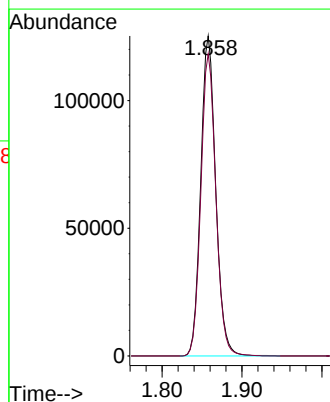
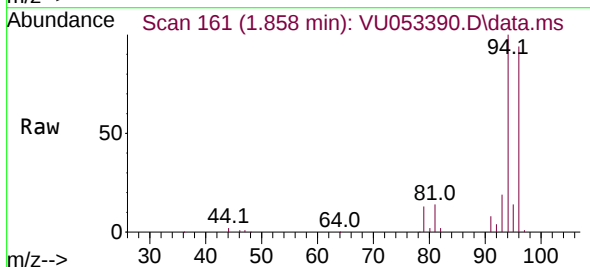
Instrument :
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 ClientSampleId :

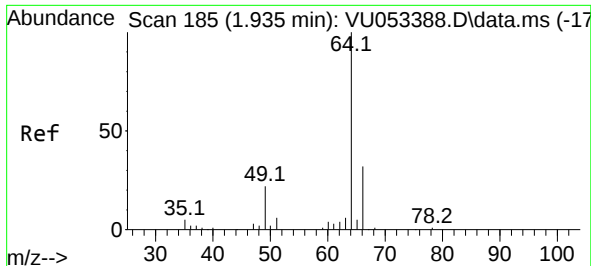
Tgt Ion: 62 Resp: 252014
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.1 44.7



#6
 Bromomethane
 Concen: 21.362 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU053390.D
 Acq: 24 Mar 2023 13:55

Tgt Ion: 94 Resp: 163708
 Ion Ratio Lower Upper
 94 100
 96 94.5 68.3 126.8





#8

Chloroethane

Concen: 19.329 ug/L

RT: 1.935 min Scan# 185

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

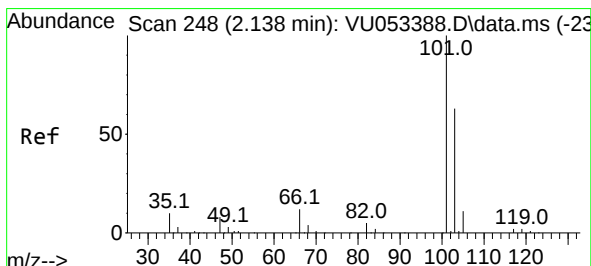
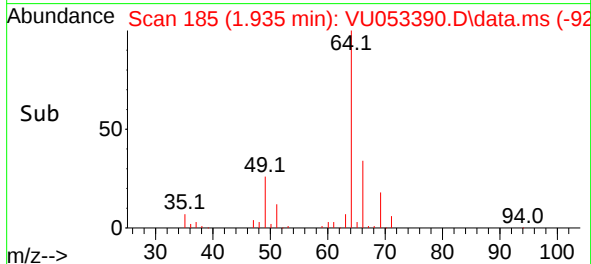
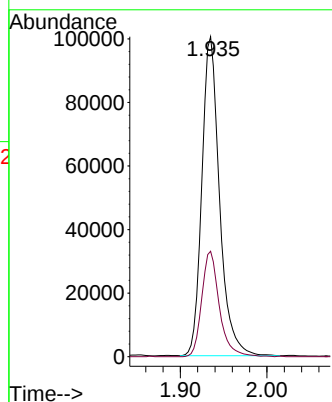
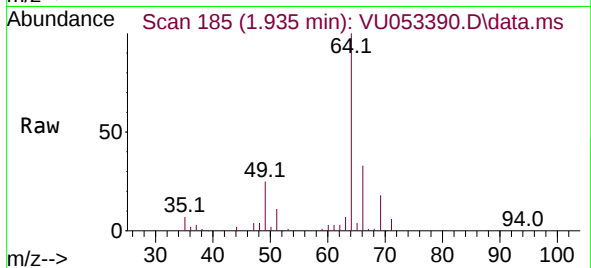
ClientSampleId :

Tgt Ion: 64 Resp: 142214

Ion Ratio Lower Upper

64 100

66 32.9 22.3 41.5



#9

Trichlorofluoromethane

Concen: 21.508 ug/L

RT: 2.137 min Scan# 248

Delta R.T. -0.000 min

Lab File: VU053390.D

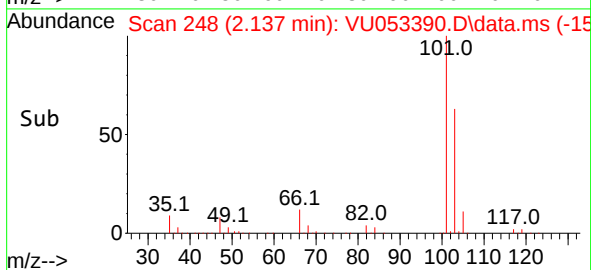
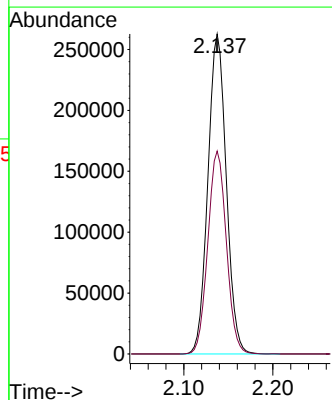
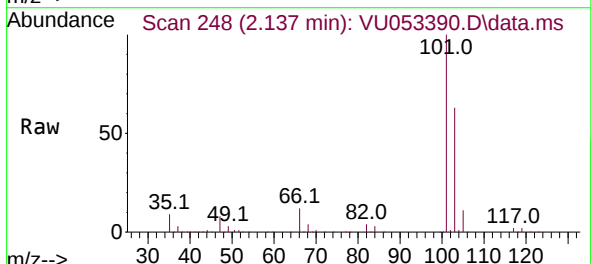
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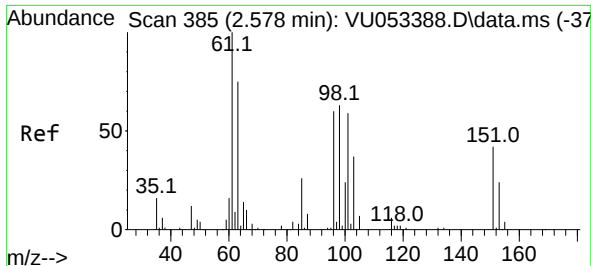
Tgt Ion:101 Resp: 375901

Ion Ratio Lower Upper

101 100

103 63.9 50.2 75.2





#10

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

Concen: 20.457 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

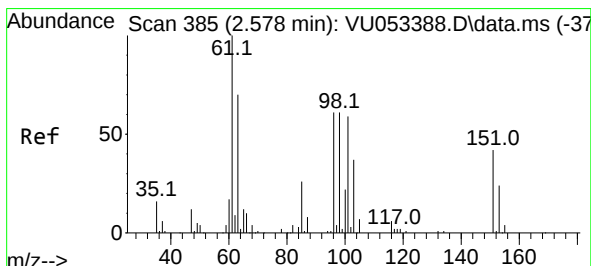
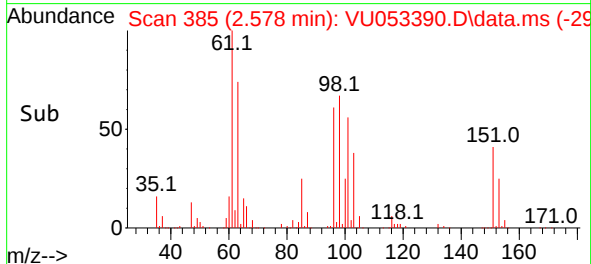
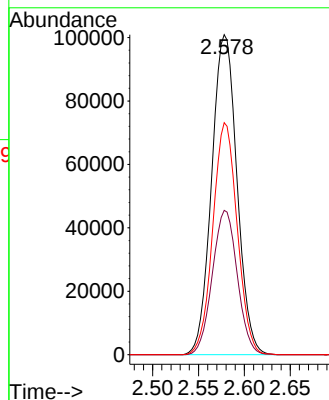
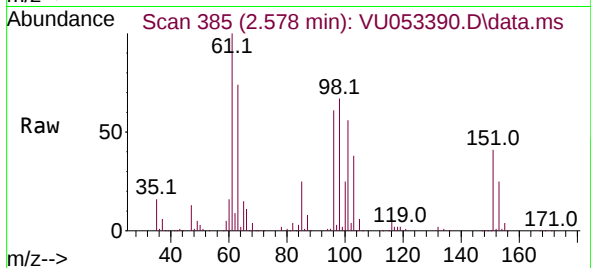
Tgt Ion:101 Resp: 193860

Ion Ratio Lower Upper

101 100

85 44.4 37.0 55.4

151 69.9 56.8 85.2



#12

1,1-Dichloroethene

Concen: 20.453 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

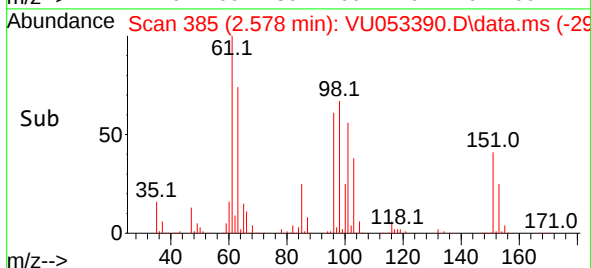
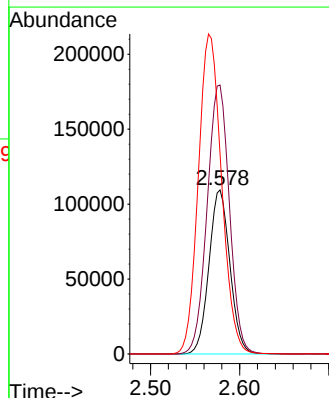
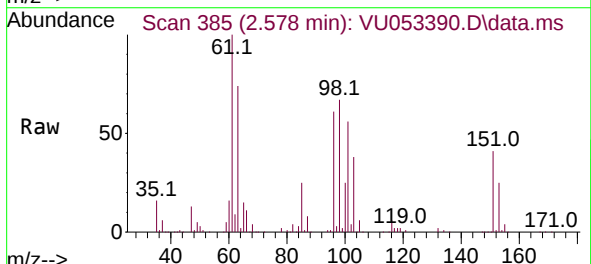
Tgt Ion: 96 Resp: 178194

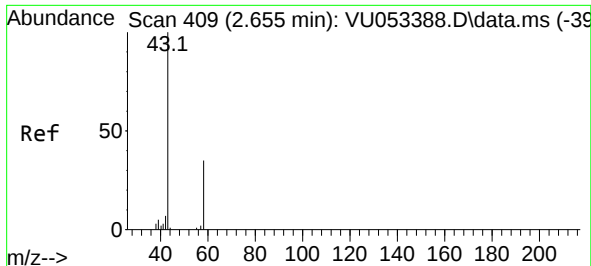
Ion Ratio Lower Upper

96 100

61 163.9 116.8 216.8

63 122.0 88.6 164.6





#13

Acetone

Concen: 162.247 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

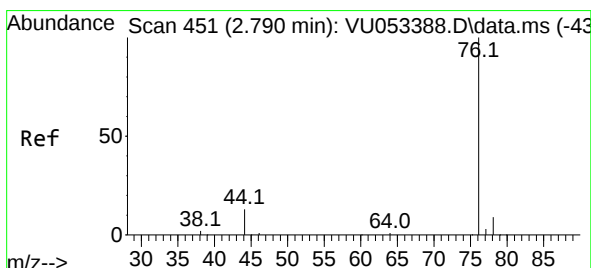
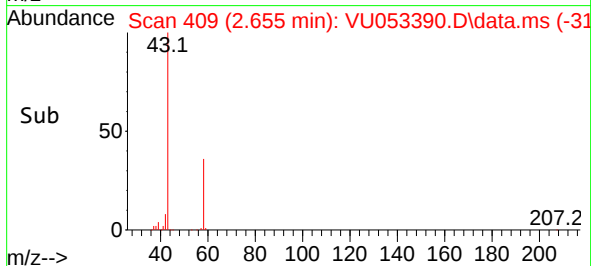
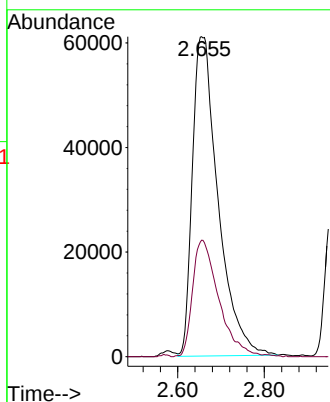
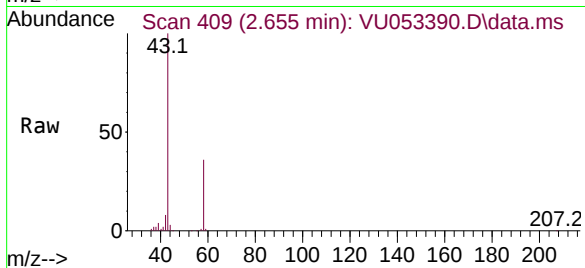
ClientSampleId :

Tgt Ion: 43 Resp: 251746

Ion Ratio Lower Upper

43 100

58 37.1 0.0 32.2#



#14

Carbon disulfide

Concen: 21.059 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053390.D

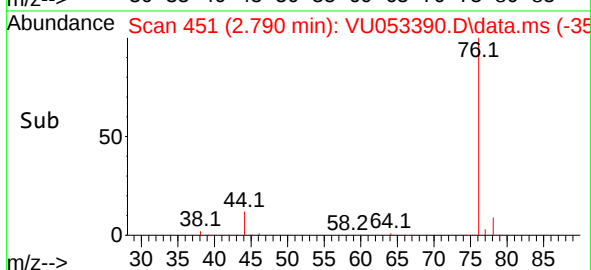
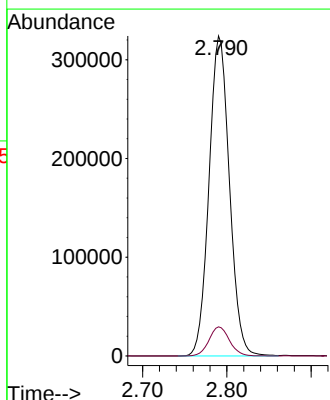
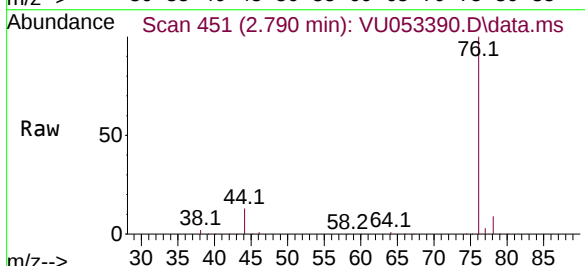
Acq: 24 Mar 2023 13:55

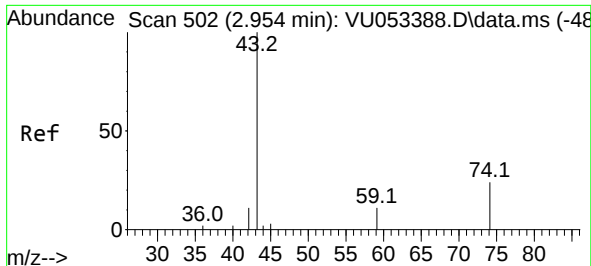
Tgt Ion: 76 Resp: 545813

Ion Ratio Lower Upper

76 100

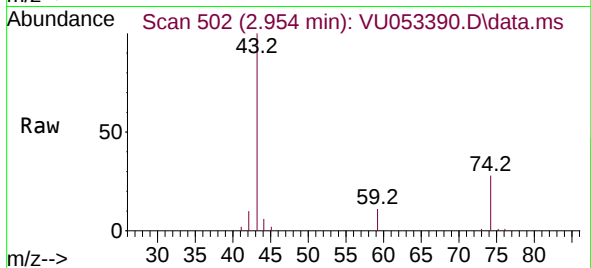
78 9.1 7.0 10.4



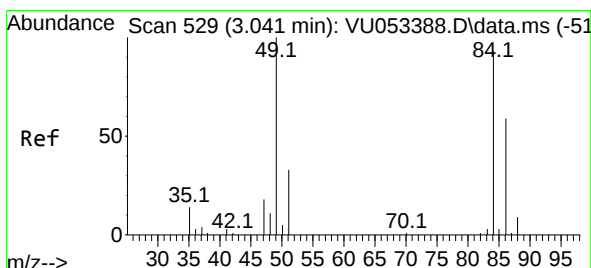
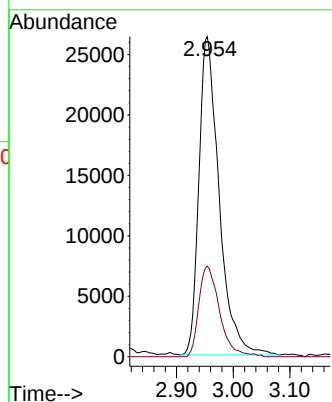
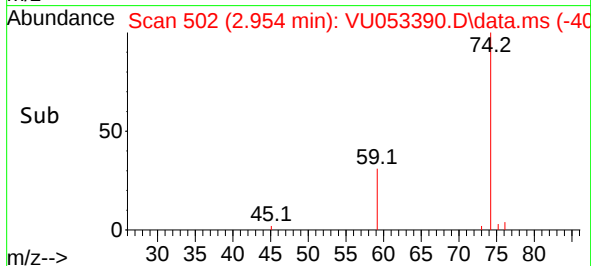


#15
Methyl Acetate
Concen: 17.936 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :

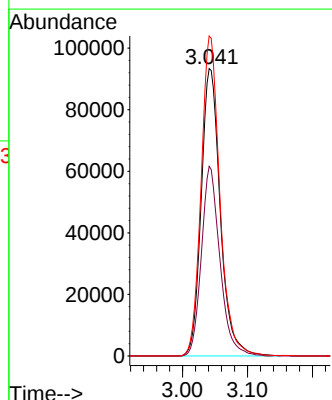
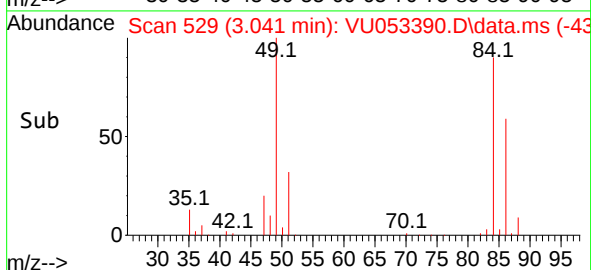
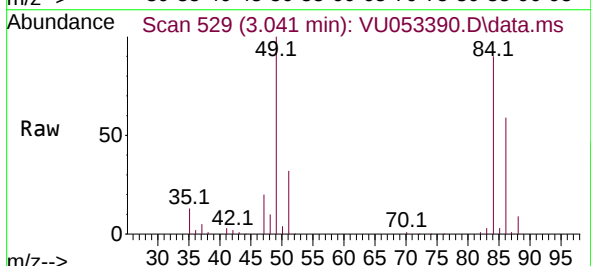


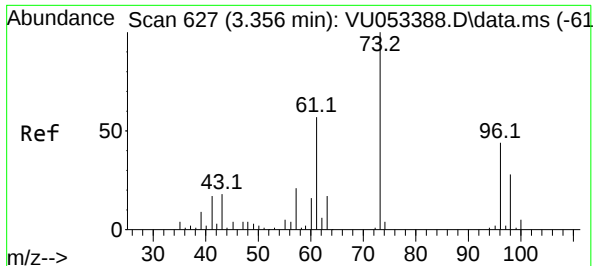
Tgt Ion: 43 Resp: 65339
Ion Ratio Lower Upper
43 100
74 28.8 20.8 31.2



#16
Methylene chloride
Concen: 18.824 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 84 Resp: 190610
Ion Ratio Lower Upper
84 100
86 66.0 44.7 83.1
49 111.3 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 19.105 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

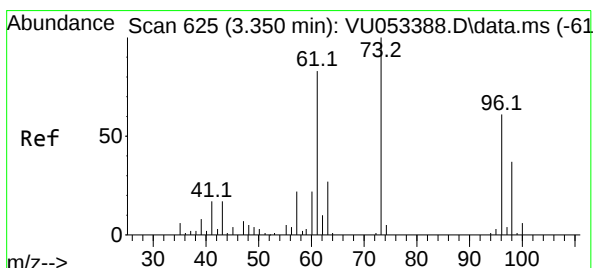
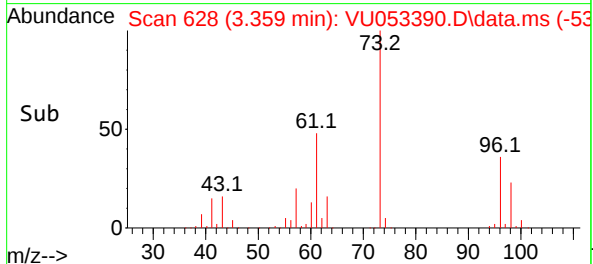
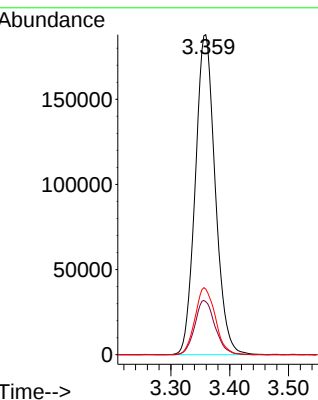
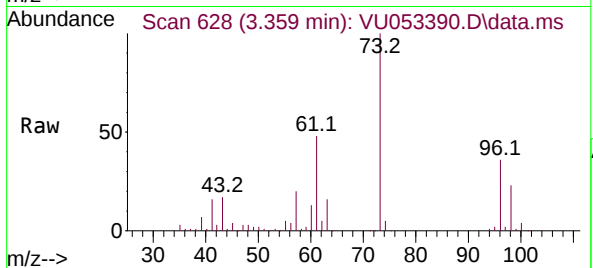
Tgt Ion: 73 Resp: 441507

Ion Ratio Lower Upper

73 100

43 17.2 13.9 20.9

57 21.4 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 19.838 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

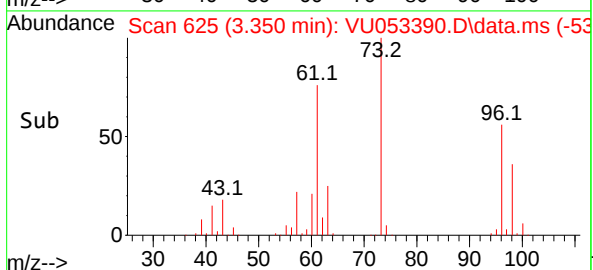
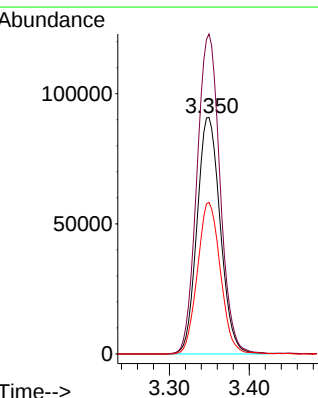
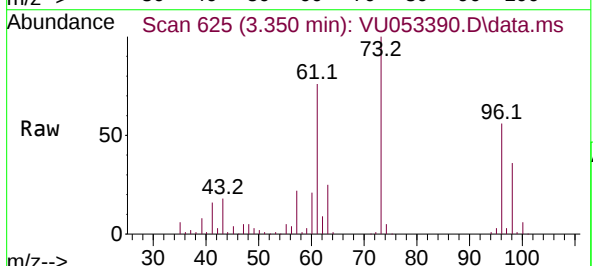
Tgt Ion: 96 Resp: 183483

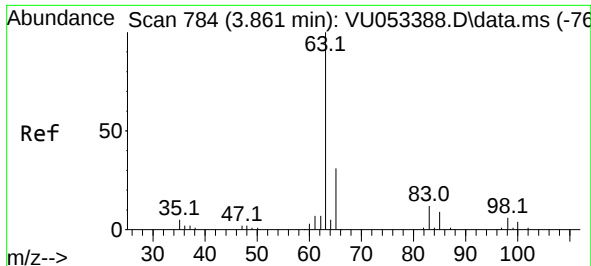
Ion Ratio Lower Upper

96 100

61 135.3 95.5 177.3

98 64.1 42.2 78.4

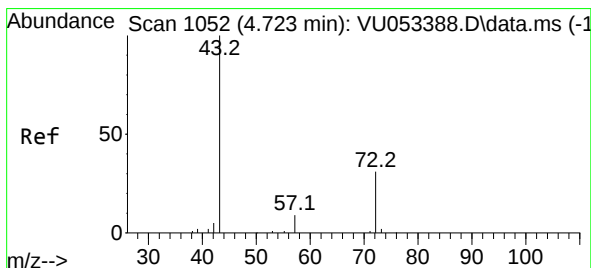
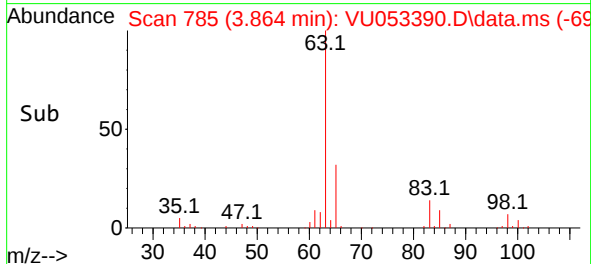
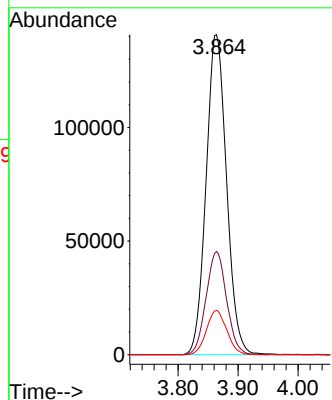
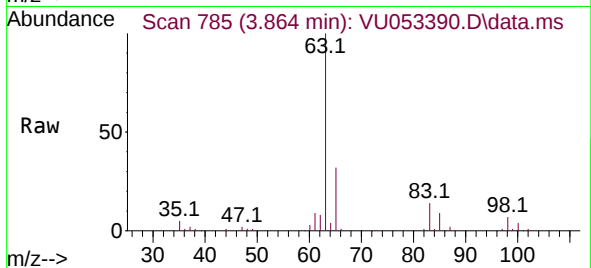




#19
1,1-Dichloroethane
Concen: 19.449 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

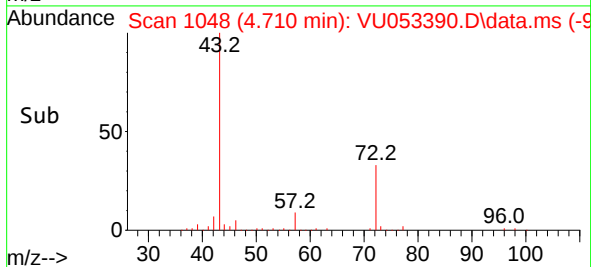
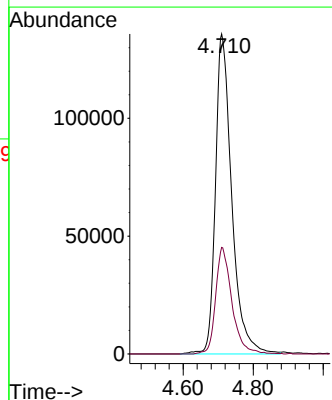
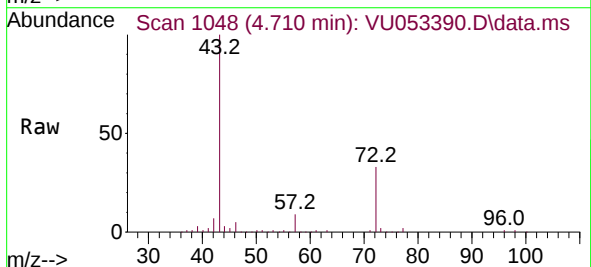
Instrument :
MSVOA_U
ClientSampleId :

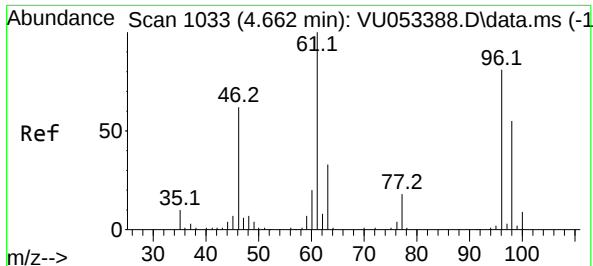
Tgt Ion: 63 Resp: 334705
Ion Ratio Lower Upper
63 100
65 32.2 21.7 40.3
83 13.9 8.1 15.1



#21
2-Butanone
Concen: 194.122 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.013 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 43 Resp: 438966
Ion Ratio Lower Upper
43 100
72 33.1 16.2 48.6

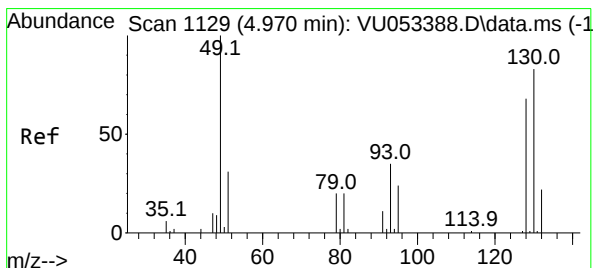
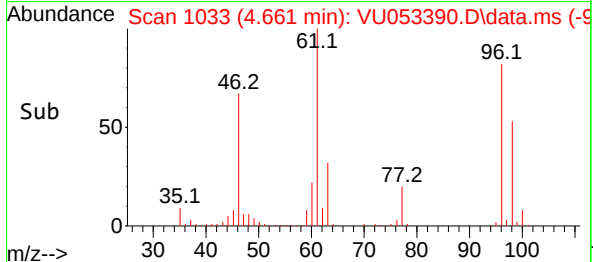
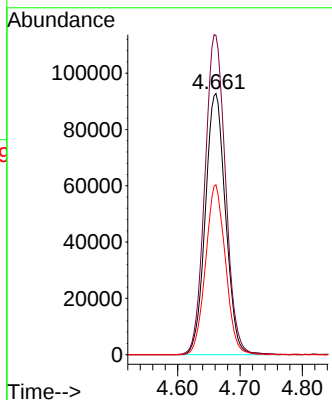
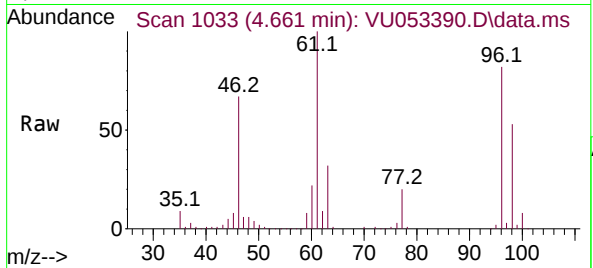




#22
cis-1,2-Dichloroethene
Concen: 20.013 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

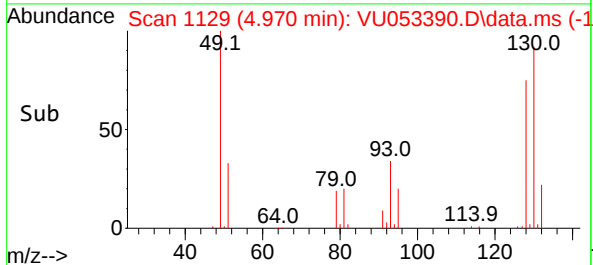
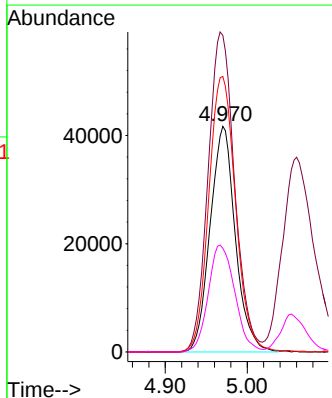
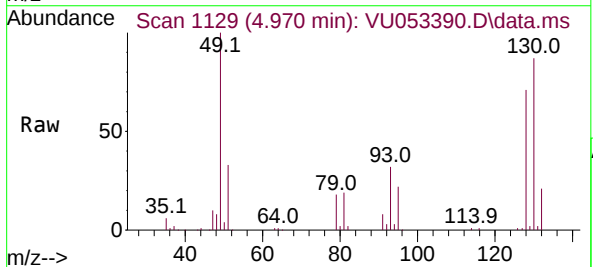
Instrument :
MSVOA_U
ClientSampleId :

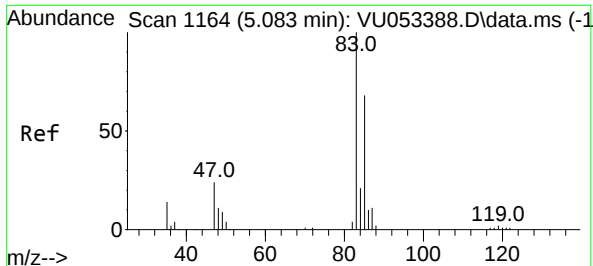
Tgt Ion: 96 Resp: 209066
Ion Ratio Lower Upper
96 100
61 122.3 86.6 160.8
98 65.0 47.7 88.5



#23
Bromochloromethane
Concen: 21.784 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion:128 Resp: 89257
Ion Ratio Lower Upper
128 100
49 140.3 102.8 190.8
130 122.1 85.1 158.1
51 45.9 36.2 54.4





#25

Chloroform

Concen: 19.784 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

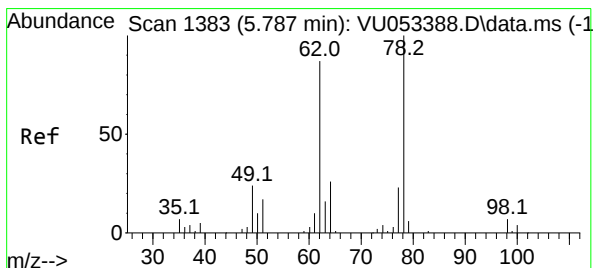
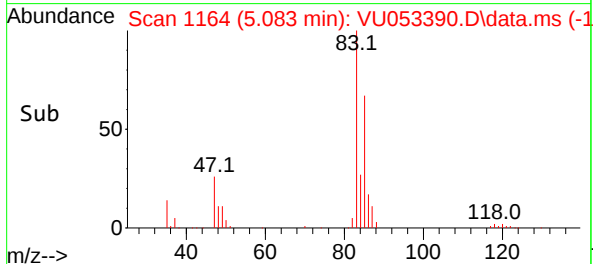
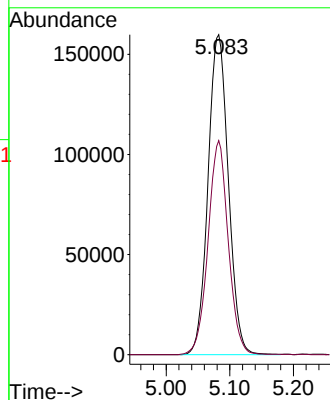
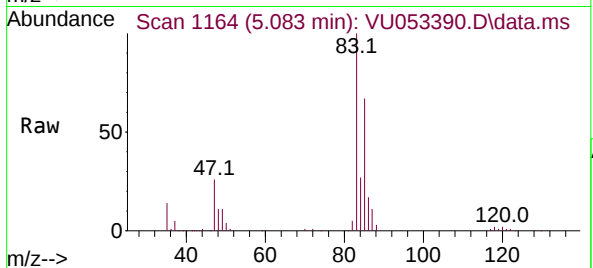
ClientSampleId :

Tgt Ion: 83 Resp: 354986

Ion Ratio Lower Upper

83 100

85 66.9 47.3 87.9



#27

1,2-Dichloroethane

Concen: 20.135 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VU053390.D

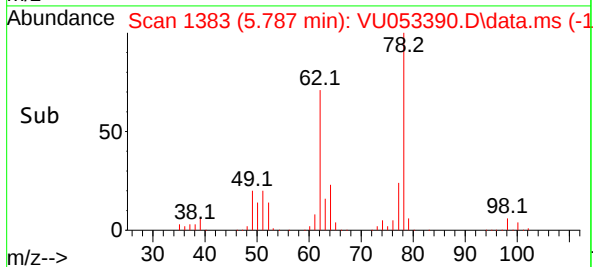
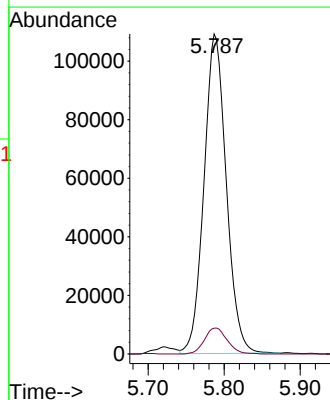
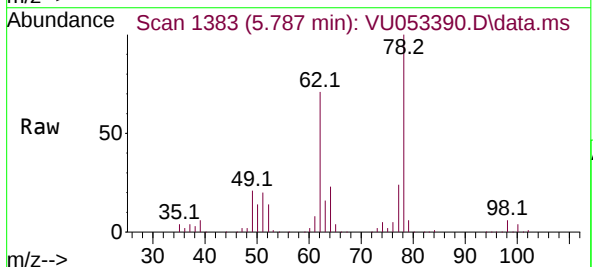
Acq: 24 Mar 2023 13:55

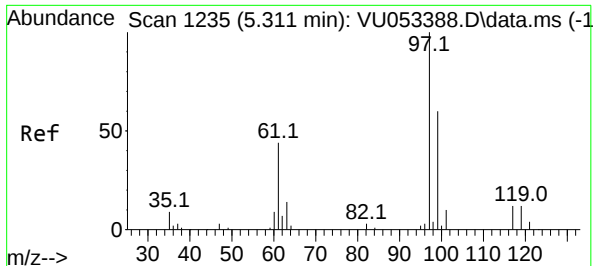
Tgt Ion: 62 Resp: 222107

Ion Ratio Lower Upper

62 100

98 8.0 6.4 9.6





#29

1,1,1-Trichloroethane

Concen: 18.400 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

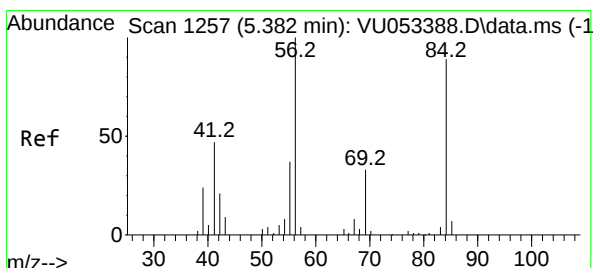
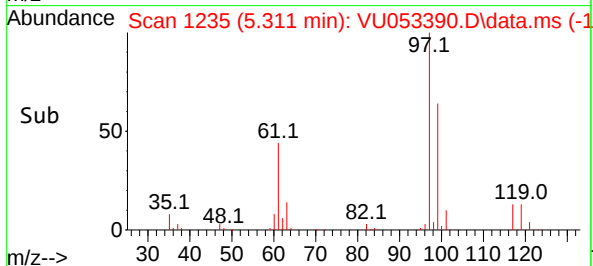
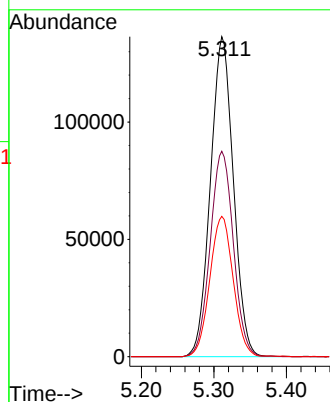
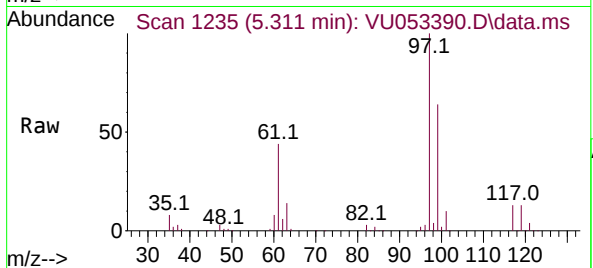
Tgt Ion: 97 Resp: 300015

Ion Ratio Lower Upper

97 100

99 65.0 49.9 74.9

61 44.8 35.7 53.5



#30

Cyclohexane

Concen: 19.191 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

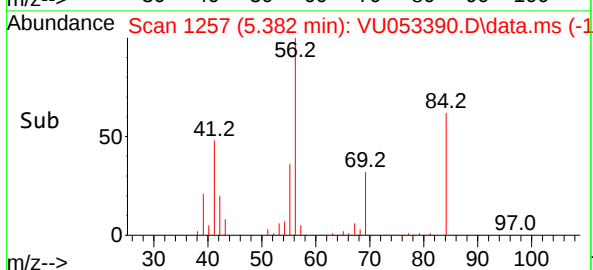
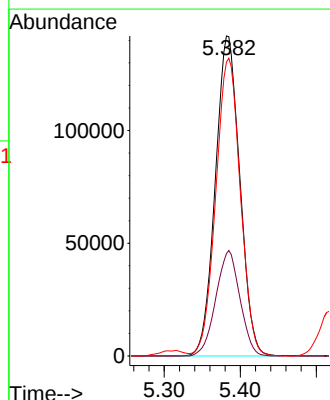
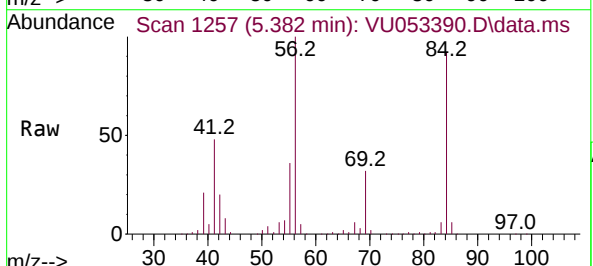
Tgt Ion: 56 Resp: 316735

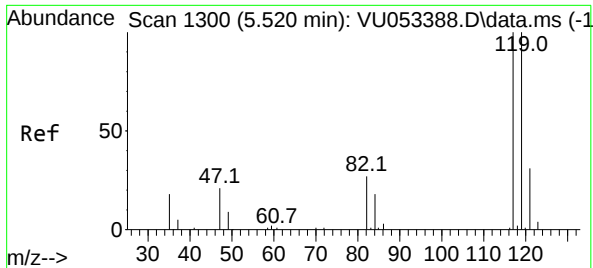
Ion Ratio Lower Upper

56 100

69 32.4 26.1 39.1

84 93.4 75.6 113.4

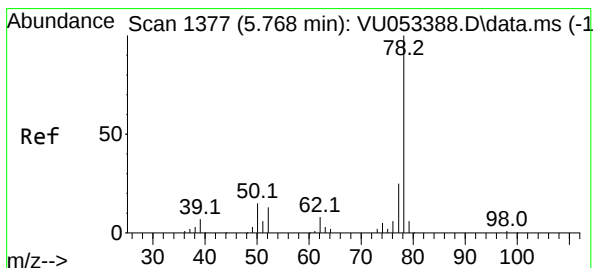
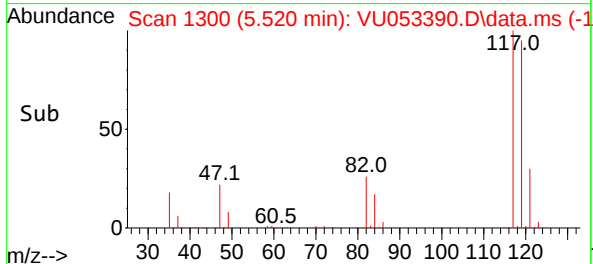
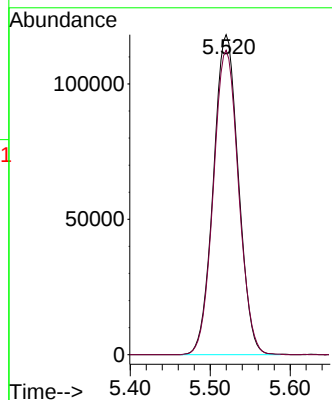
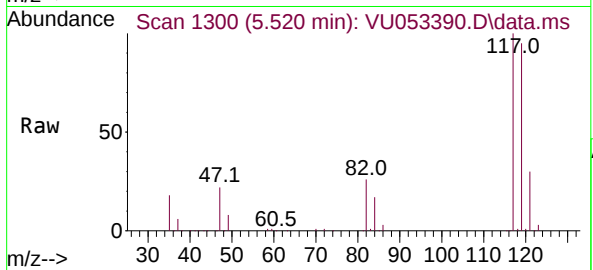




#31
Carbon tetrachloride
Concen: 18.954 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

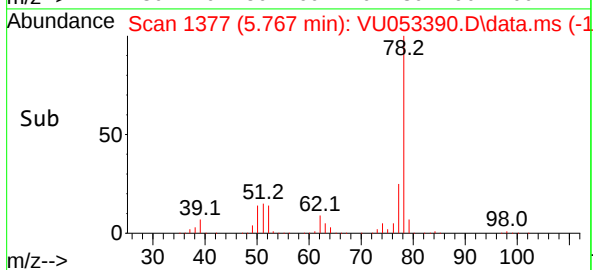
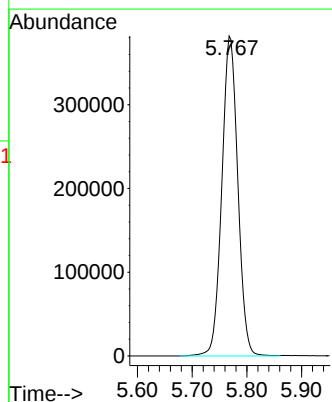
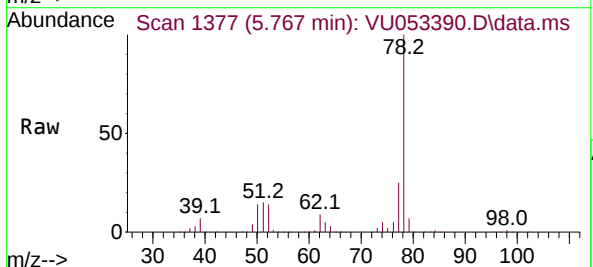
Instrument :
MSVOA_U
ClientSampleId :

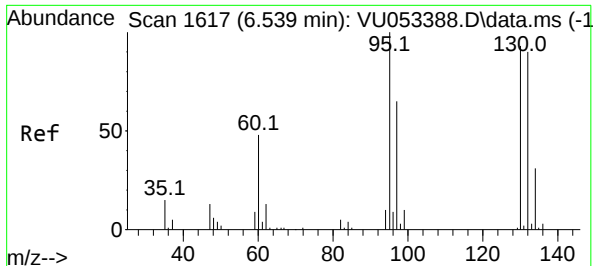
Tgt Ion:117 Resp: 256907
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#33
Benzene
Concen: 19.408 ug/L
RT: 5.767 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

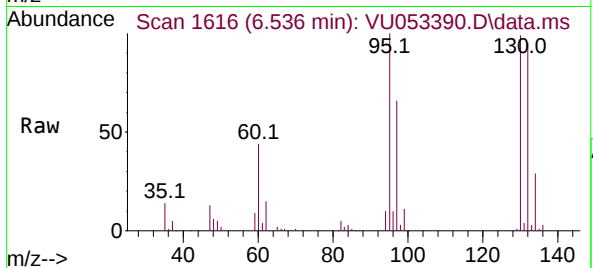
Tgt Ion: 78 Resp: 774249





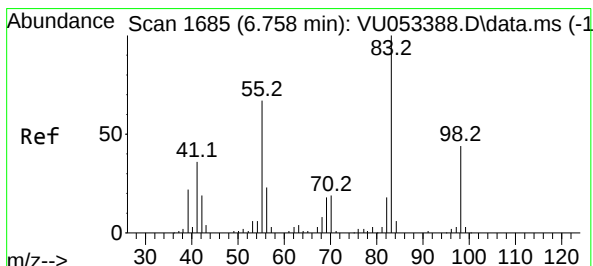
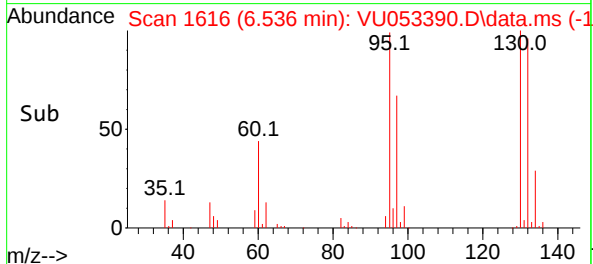
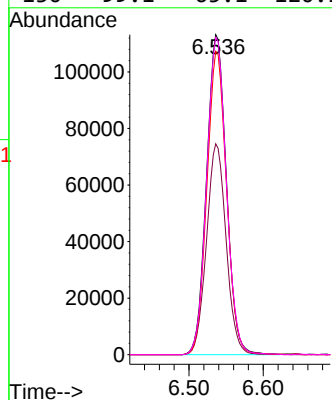
#34
Trichloroethene
Concen: 18.761 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 210216

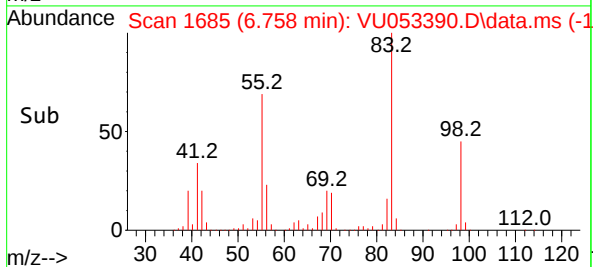
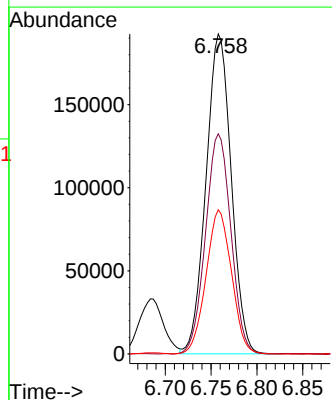
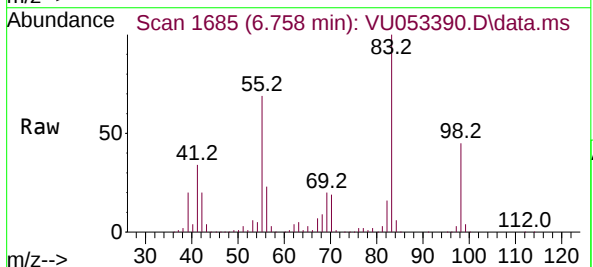
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.3	84.1
132	94.8	62.8	116.6
130	99.1	65.1	120.9

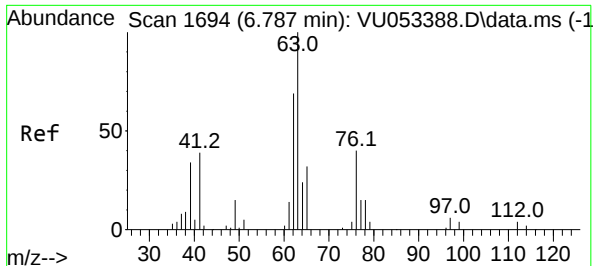


#35
Methylcyclohexane
Concen: 20.096 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 83 Resp: 368667

Ion	Ratio	Lower	Upper
83	100		
55	69.2	54.9	82.3
98	45.4	34.9	52.3





#37

1,2-Dichloropropane

Concen: 18.909 ug/L

RT: 6.784 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

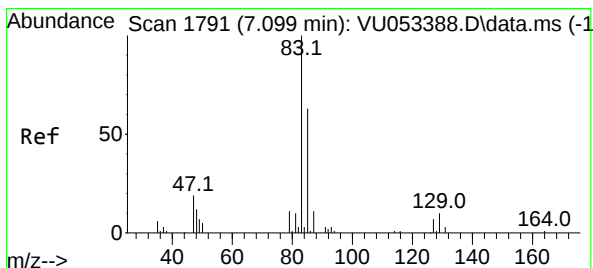
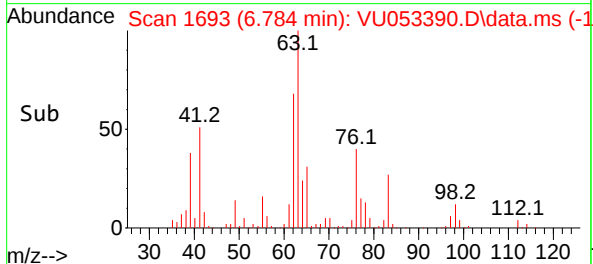
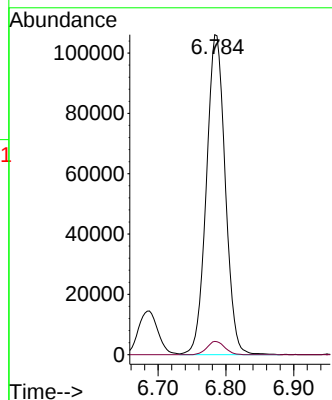
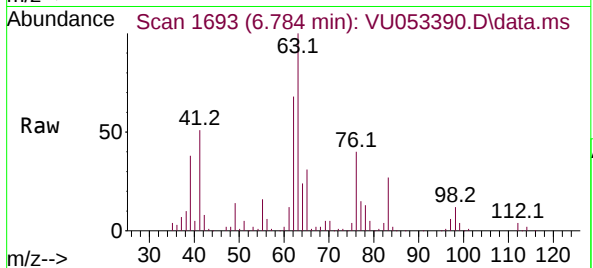
ClientSampleId :

Tgt Ion: 63 Resp: 204949

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 18.126 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.003 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

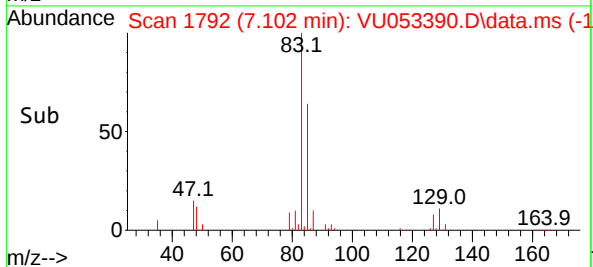
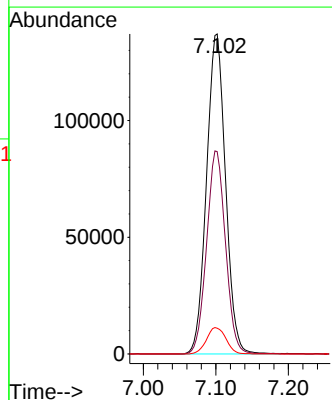
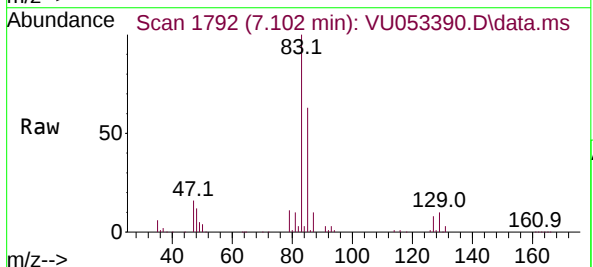
Tgt Ion: 83 Resp: 249803

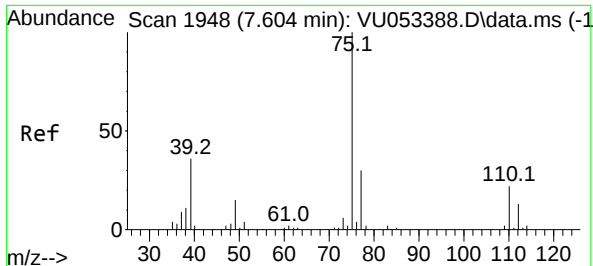
Ion Ratio Lower Upper

83 100

85 63.3 44.0 81.8

127 8.1 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 19.008 ug/L

RT: 7.600 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

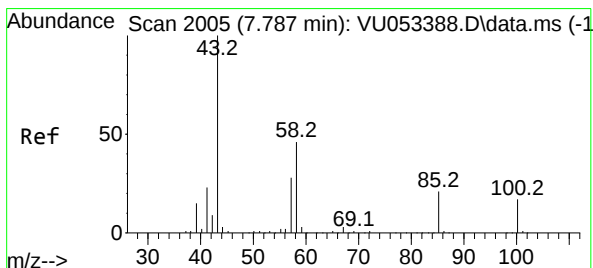
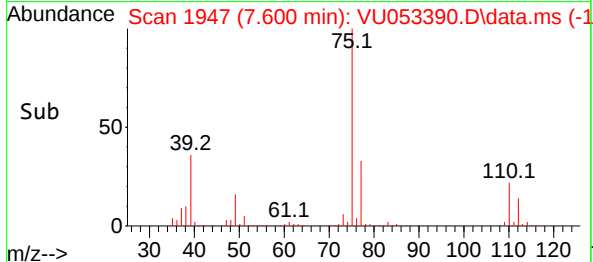
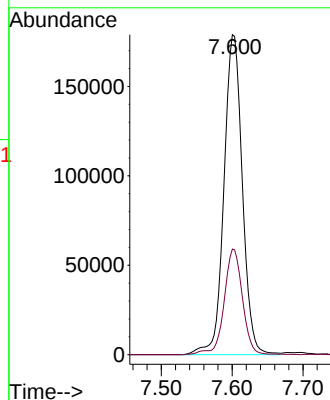
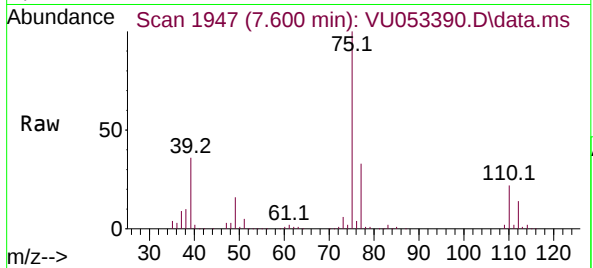
ClientSampleId :

Tgt Ion: 75 Resp: 323313

Ion Ratio Lower Upper

75 100

77 33.0 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 184.589 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

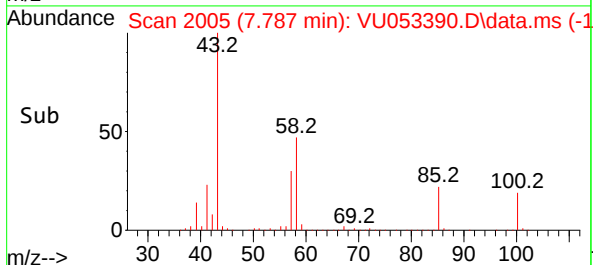
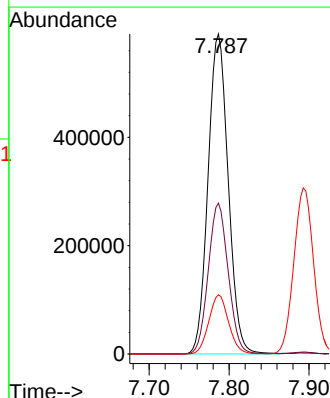
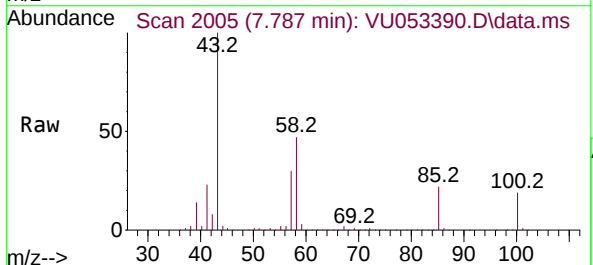
Tgt Ion: 43 Resp: 1033942

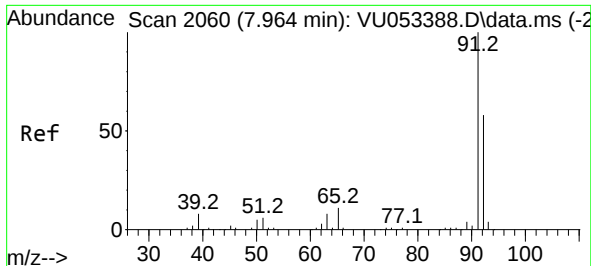
Ion Ratio Lower Upper

43 100

58 46.7 37.4 56.0

100 18.2 14.0 21.0





#42

Toluene

Concen: 20.196 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

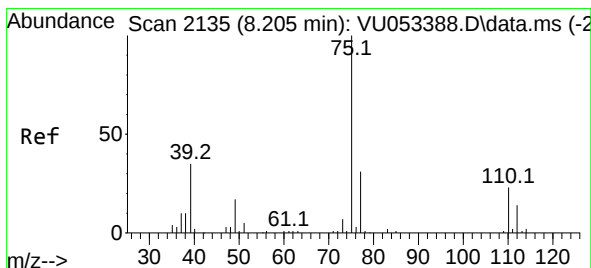
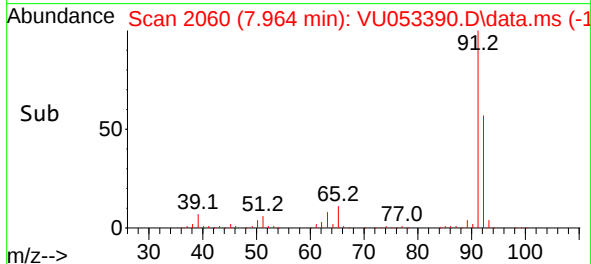
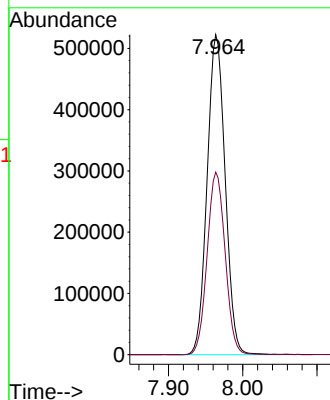
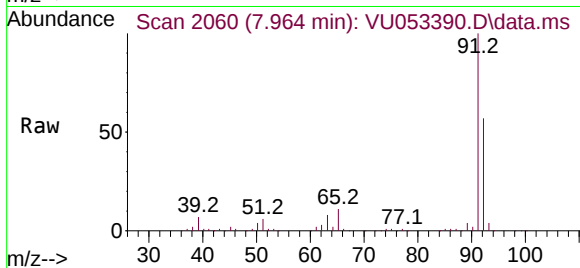
ClientSampleId :

Tgt Ion: 91 Resp: 879694

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 18.997 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053390.D

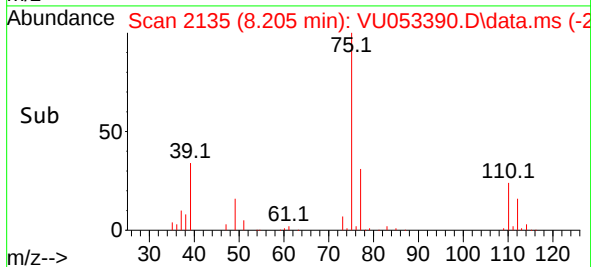
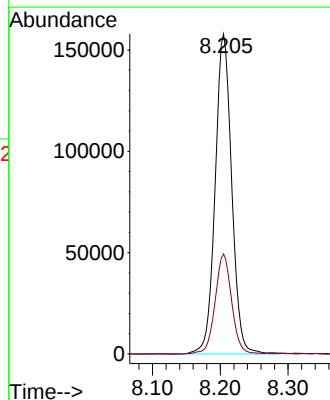
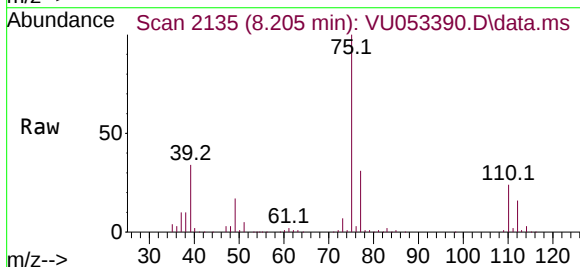
Acq: 24 Mar 2023 13:55

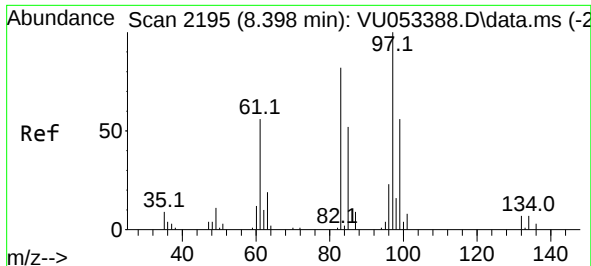
Tgt Ion: 75 Resp: 267542

Ion Ratio Lower Upper

75 100

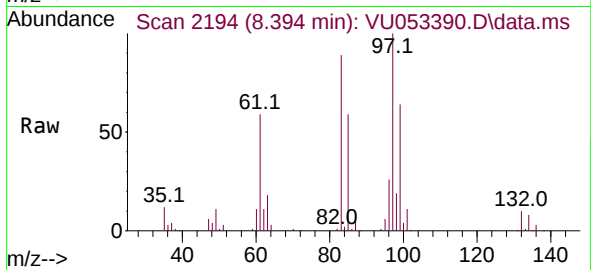
77 31.3 22.0 40.8





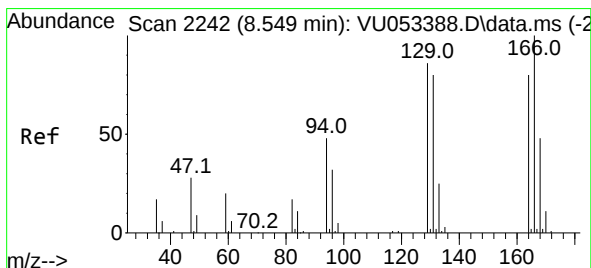
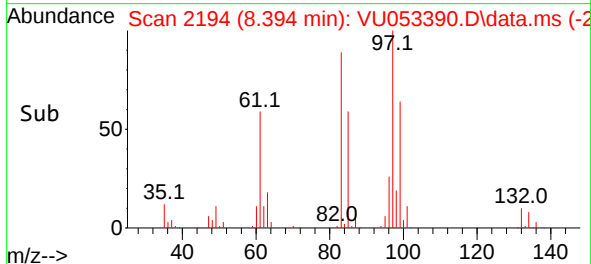
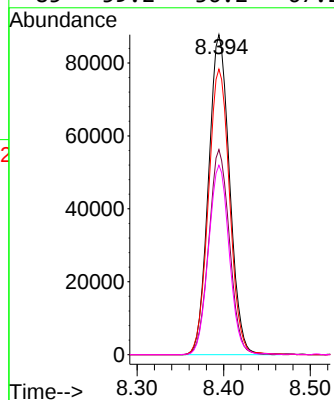
#45
1,1,2-Trichloroethane
Concen: 18.929 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 148400

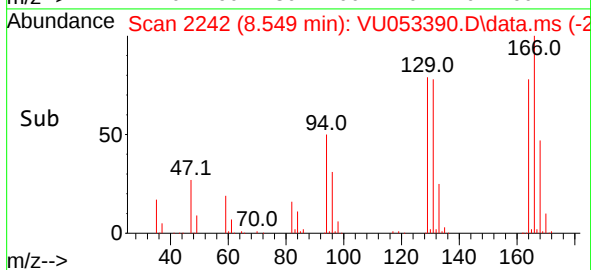
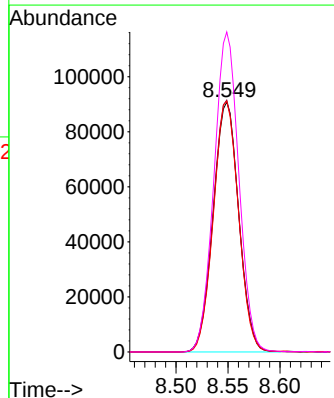
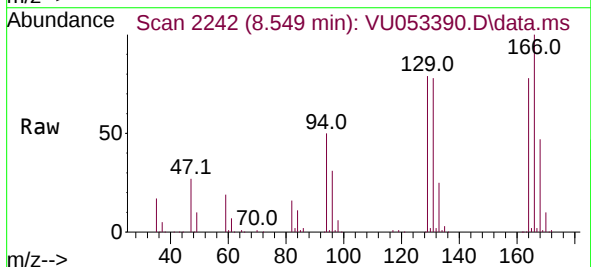
Ion	Ratio	Lower	Upper
97	100		
99	64.1	38.9	72.2
83	89.2	57.6	107.0
85	59.2	36.2	67.2

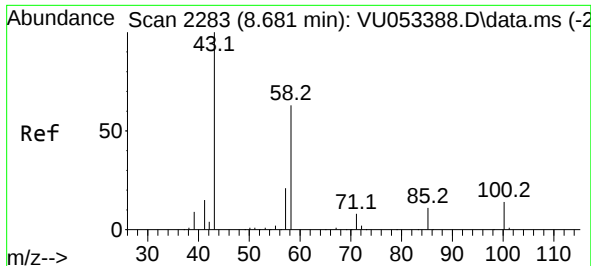


#47
Tetrachloroethene
Concen: 20.916 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 164 Resp: 154844

Ion	Ratio	Lower	Upper
164	100		
129	100.7	74.8	138.8
131	100.4	70.1	130.1
166	128.0	87.3	162.1

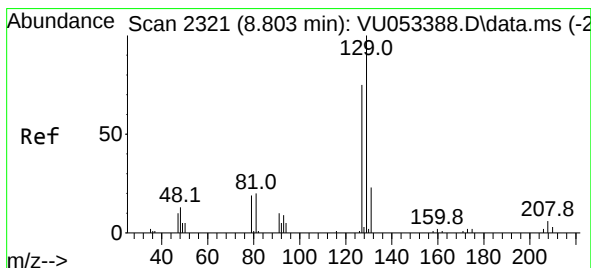
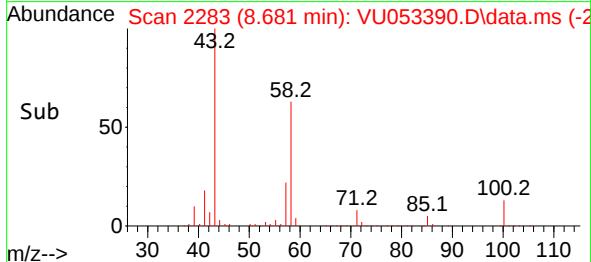
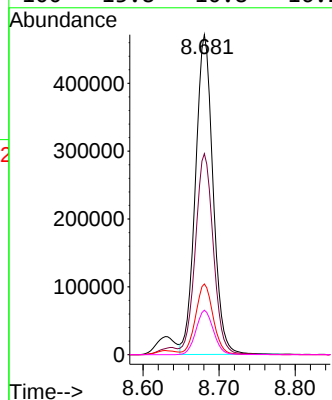
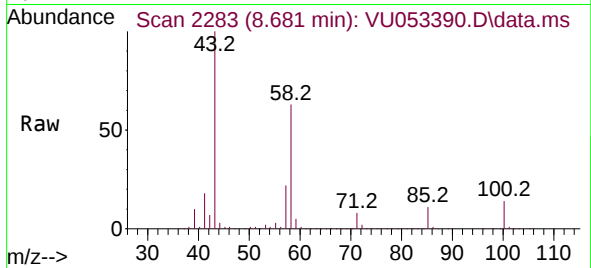




#48
2-Hexanone
Concen: 183.841 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

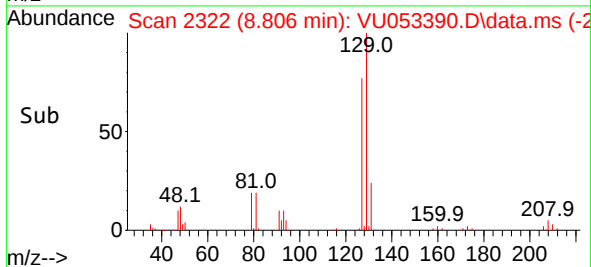
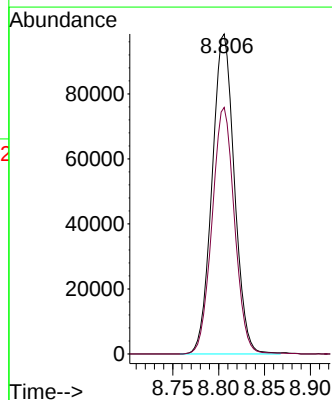
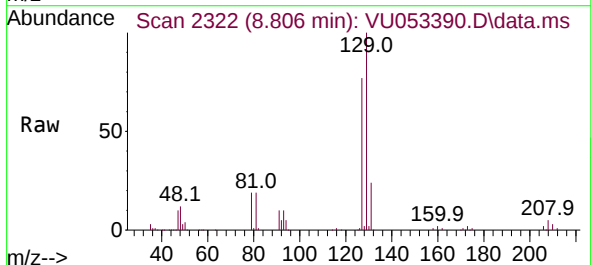
Instrument :
MSVOA_U
ClientSampleId :

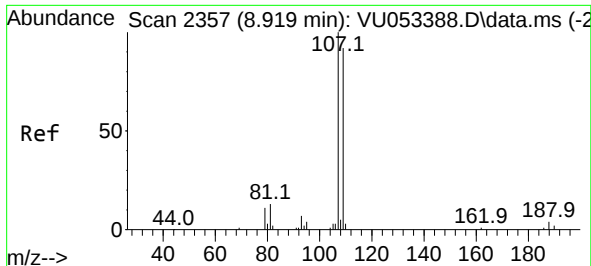
Tgt Ion:	43	Resp:	759524
Ion	Ratio	Lower	Upper
43	100		
58	64.3	52.8	79.2
57	21.9	17.1	25.7
100	13.8	10.8	16.2



#49
Dibromochloromethane
Concen: 19.892 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion:	129	Resp:	166303
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.2	97.0

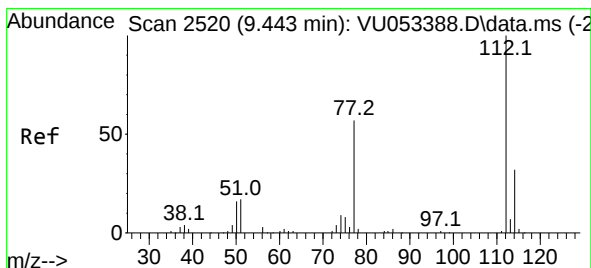
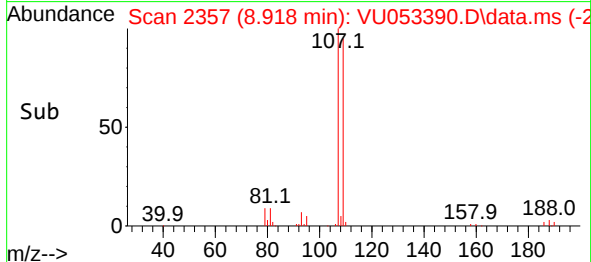
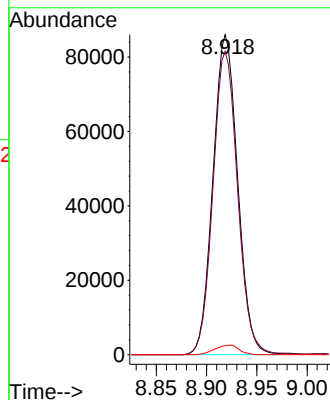
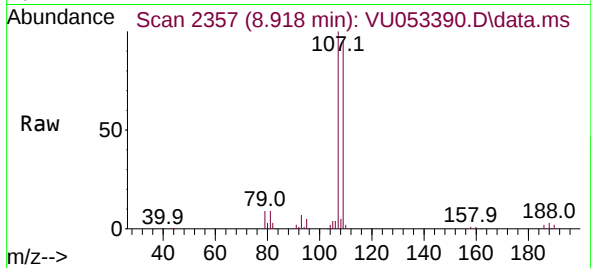




#50
1,2-Dibromoethane
Concen: 20.265 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

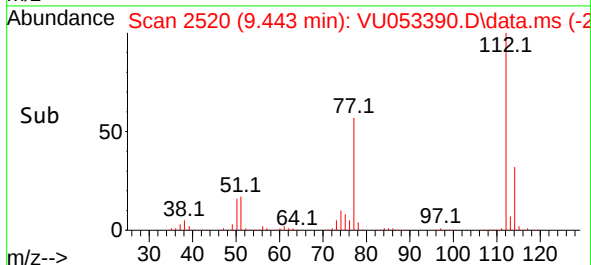
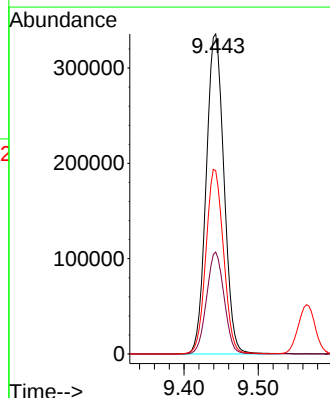
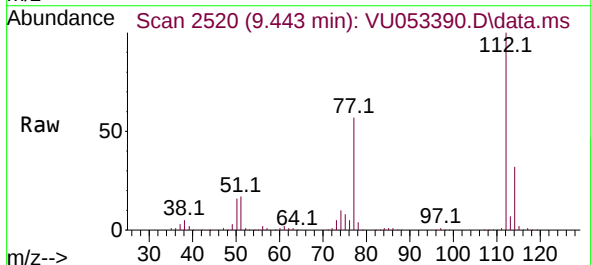
Instrument :
MSVOA_U
ClientSampleId :

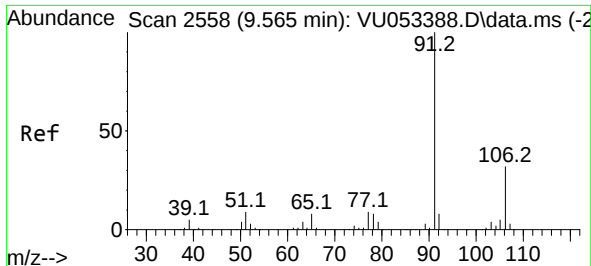
Tgt Ion:107 Resp: 146712
Ion Ratio Lower Upper
107 100
109 94.8 64.7 120.1
188 2.8 3.0 4.6#



#51
Chlorobenzene
Concen: 20.441 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion:112 Resp: 557134
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 57.2 45.8 68.6

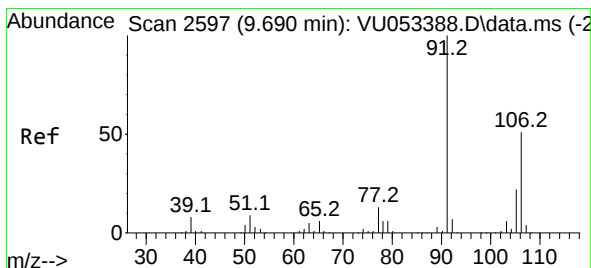
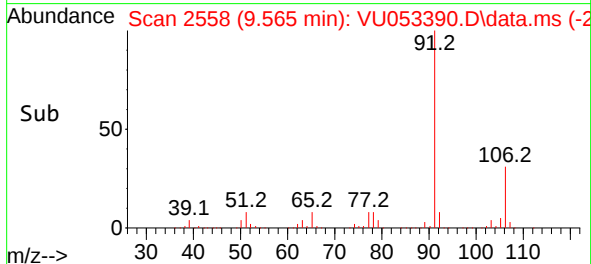
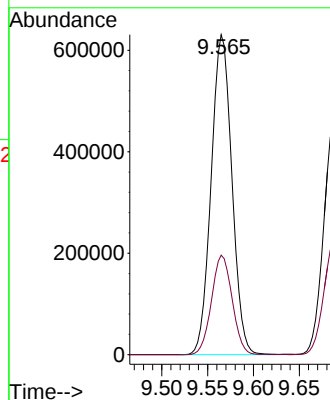
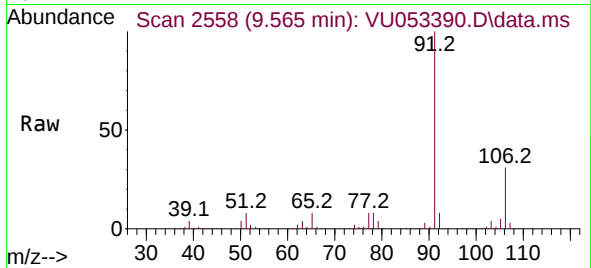




#52
Ethylbenzene
Concen: 20.231 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

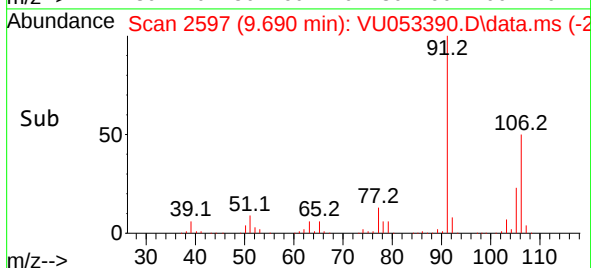
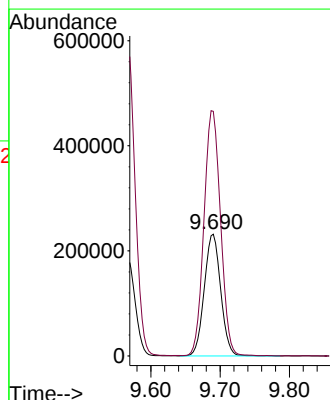
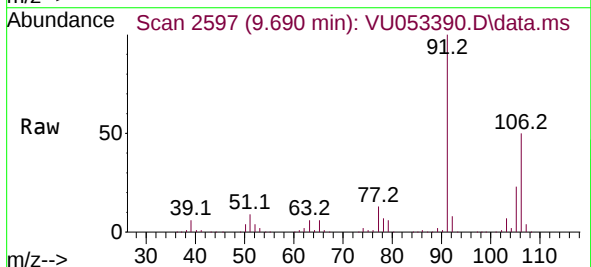
Instrument :
MSVOA_U
ClientSampleId :

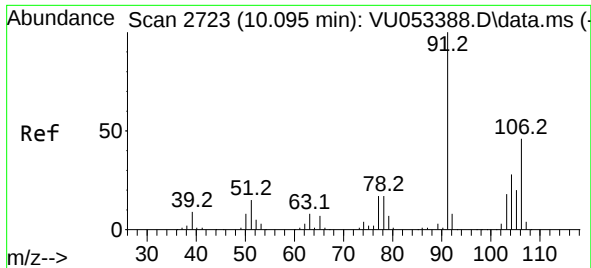
Tgt Ion: 91 Resp: 991276
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.9



#53
m,p-Xylene
Concen: 20.645 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 106 Resp: 380817
Ion Ratio Lower Upper
106 100
91 200.9 138.8 257.8

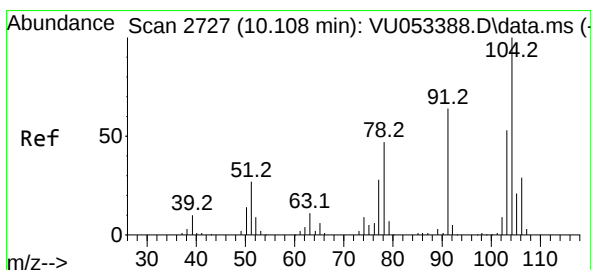
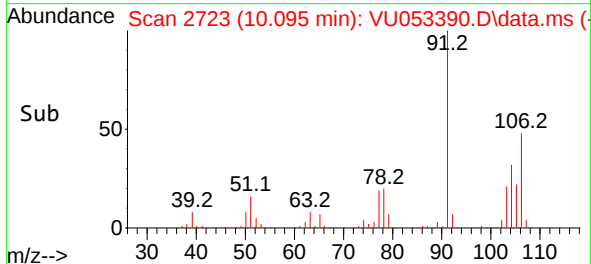
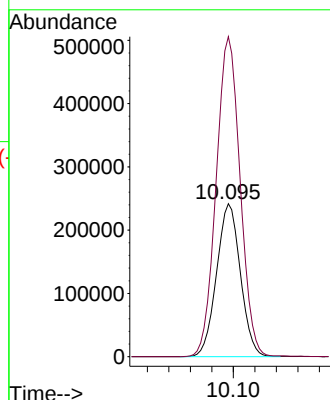
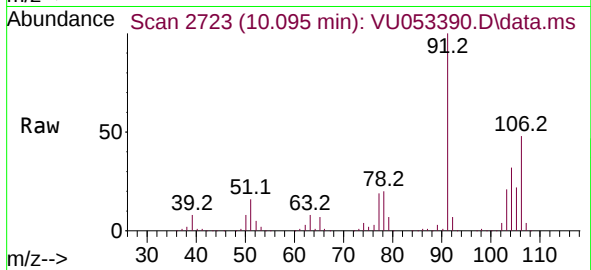




#54
o-Xylene
Concen: 20.863 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

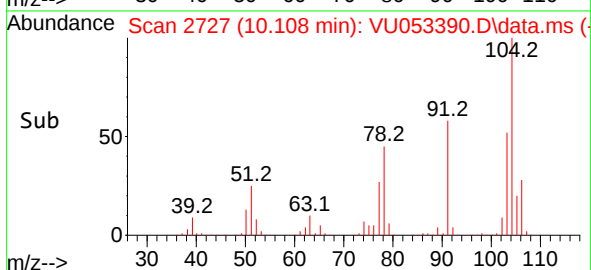
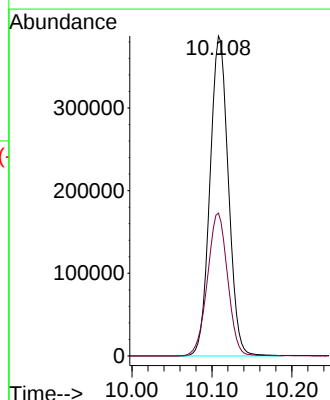
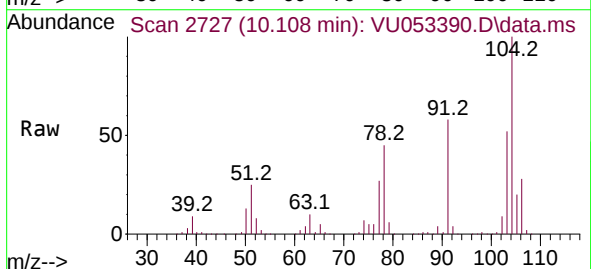
Instrument :
MSVOA_U
ClientSampleId :

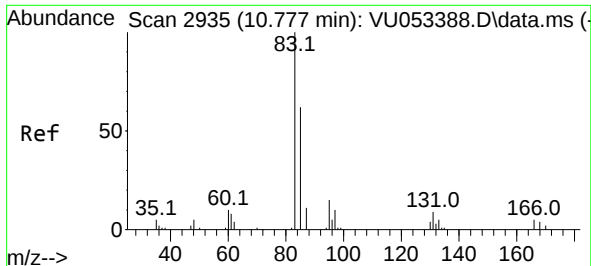
Tgt Ion:106 Resp: 371395
Ion Ratio Lower Upper
106 100
91 209.1 150.8 280.0



#55
Styrene
Concen: 21.571 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion:104 Resp: 619466
Ion Ratio Lower Upper
104 100
78 44.6 33.0 61.4

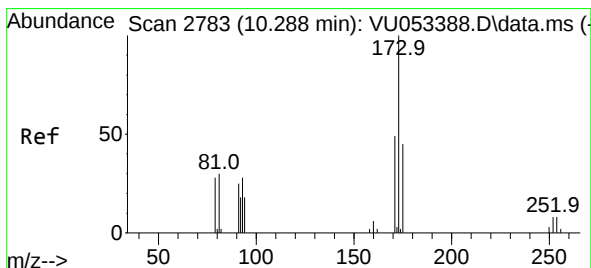
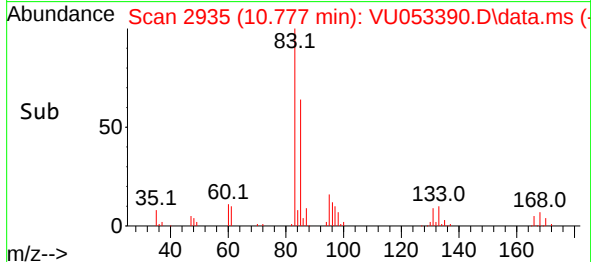
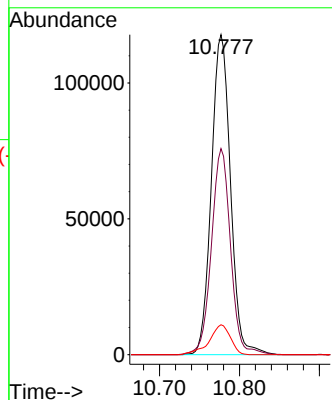
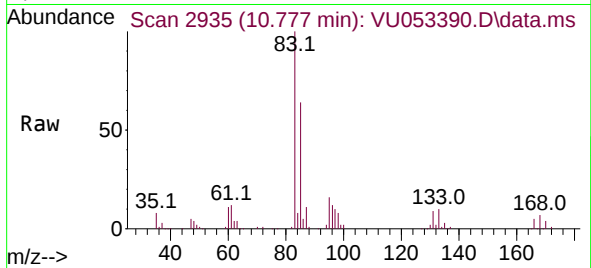




#57
1,1,2,2-Tetrachloroethane
Concen: 19.749 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

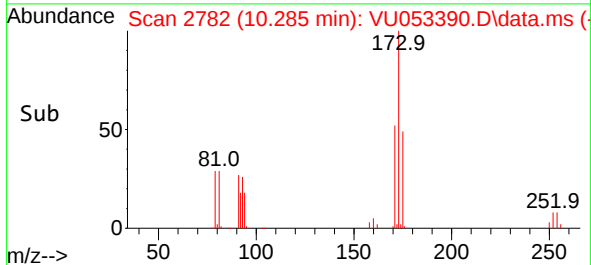
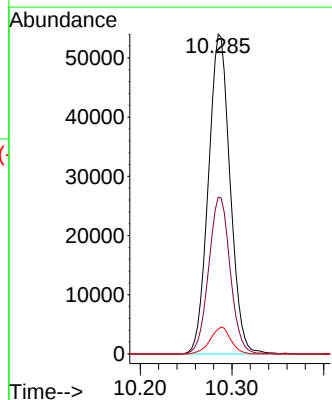
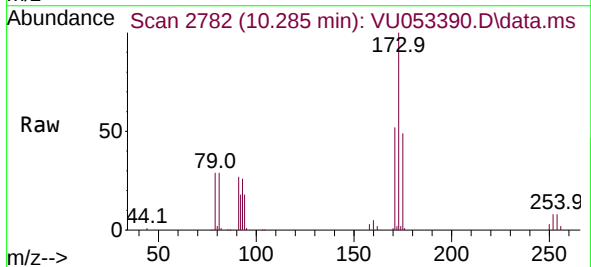
Instrument :
MSVOA_U
ClientSampleId :

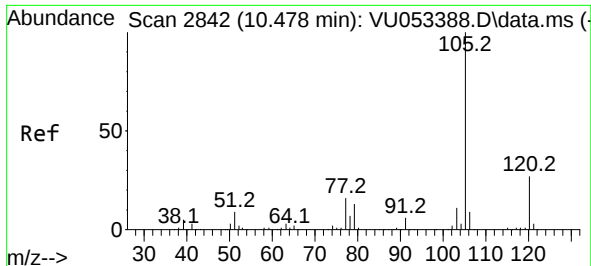
Tgt Ion: 83 Resp: 195002
Ion Ratio Lower Upper
83 100
85 64.4 43.8 81.4
131 9.3 7.2 10.8



#59
Bromoform
Concen: 17.252 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 173 Resp: 88947
Ion Ratio Lower Upper
173 100
175 48.6 39.9 59.9
254 7.9 6.6 9.8

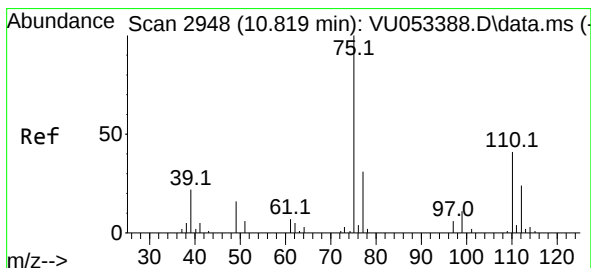
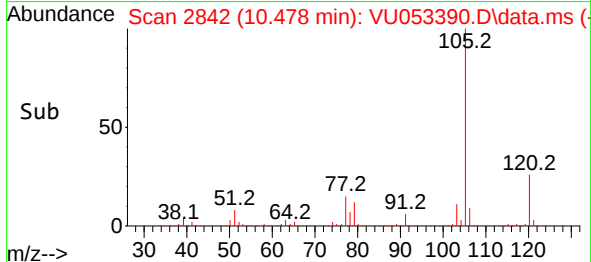
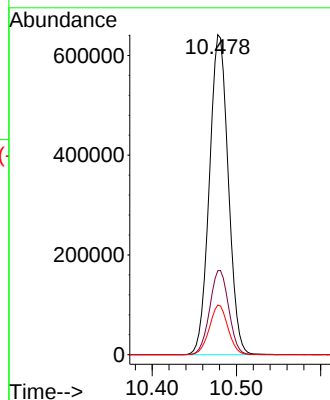
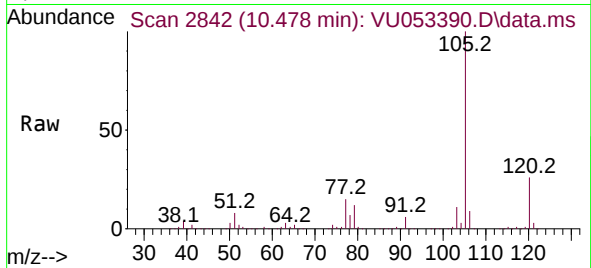




#60
Isopropylbenzene
Concen: 18.734 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

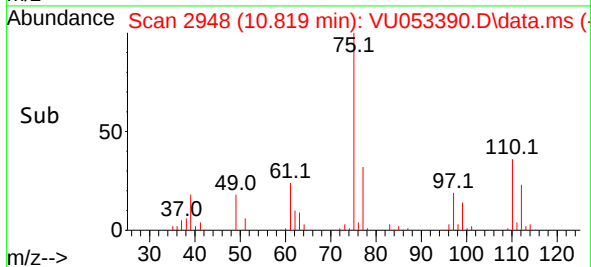
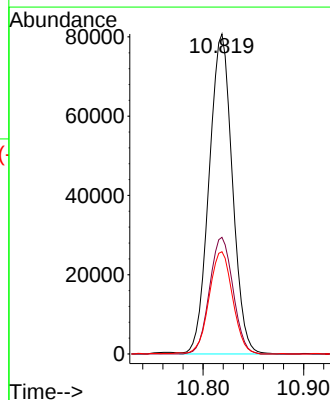
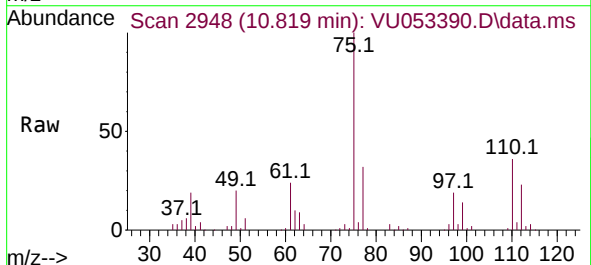
Instrument :
MSVOA_U
ClientSampleId :

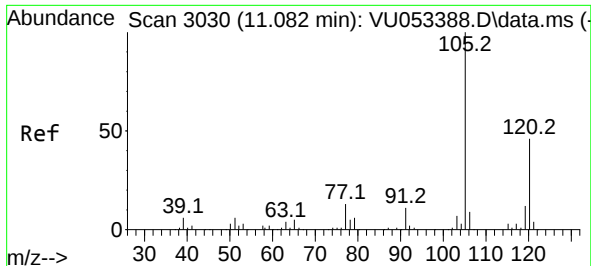
Tgt Ion:105 Resp: 1000132
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 18.144 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion: 75 Resp: 129664
Ion Ratio Lower Upper
75 100
110 36.7 30.6 46.0
77 32.5 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 18.687 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

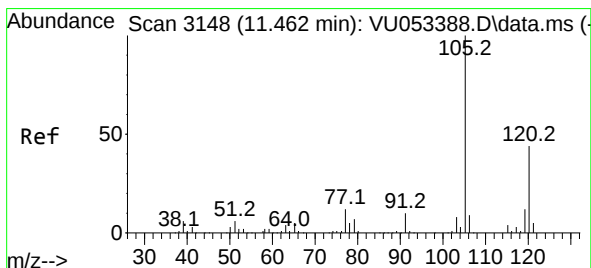
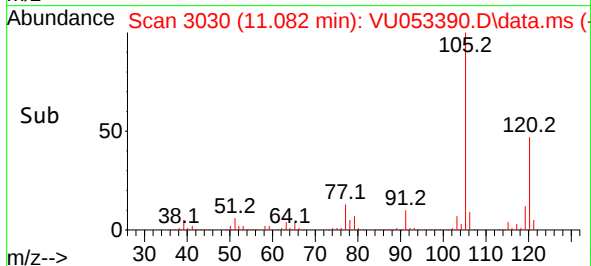
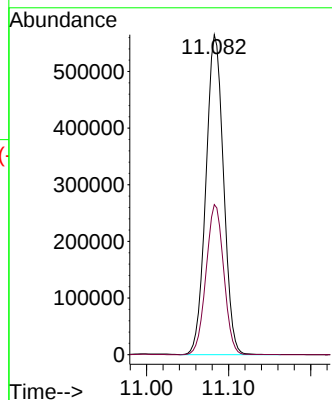
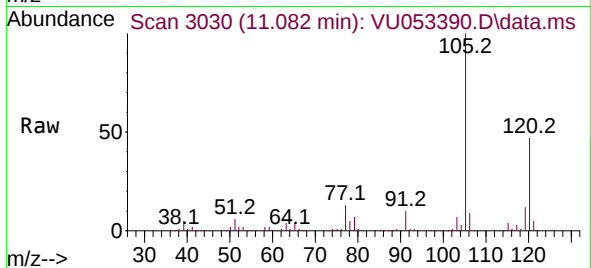
ClientSampleId :

Tgt Ion:105 Resp: 840228

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 19.122 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU053390.D

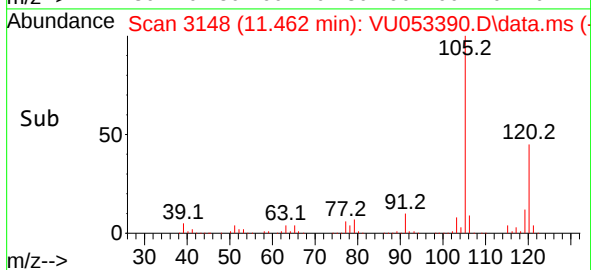
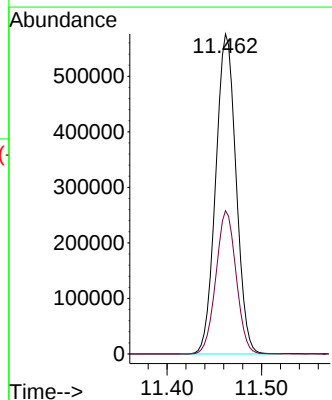
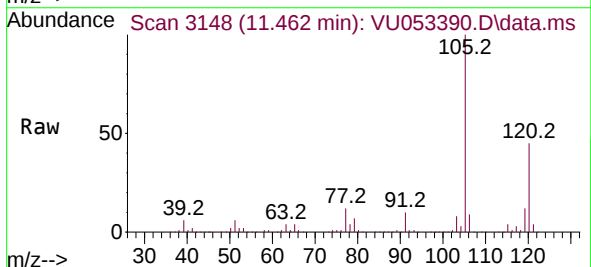
Acq: 24 Mar 2023 13:55

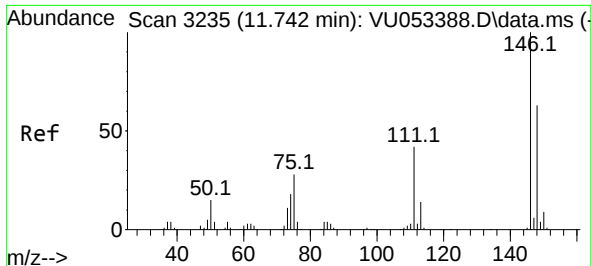
Tgt Ion:105 Resp: 861682

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.0

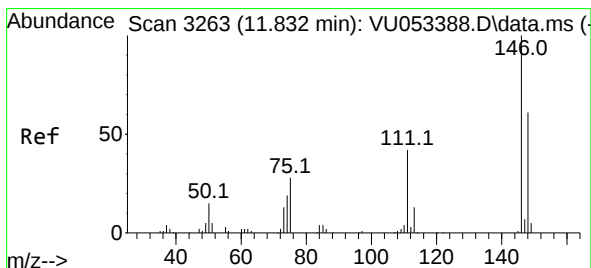
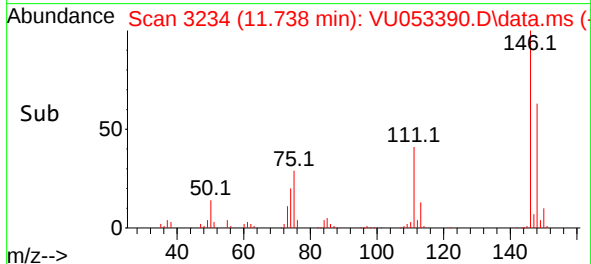
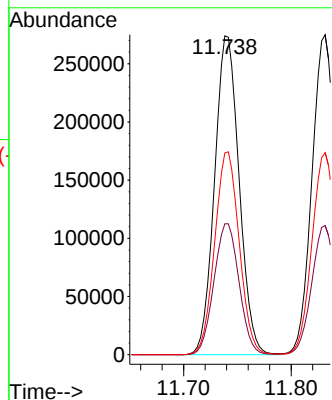
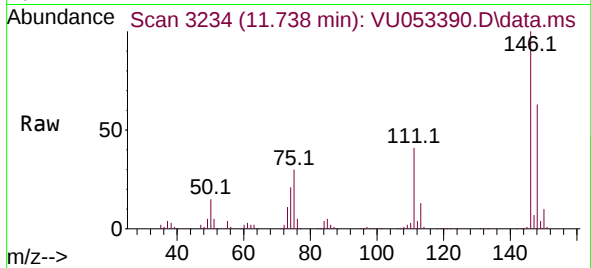




#64
1,3-Dichlorobenzene
Concen: 19.806 ug/L
RT: 11.738 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

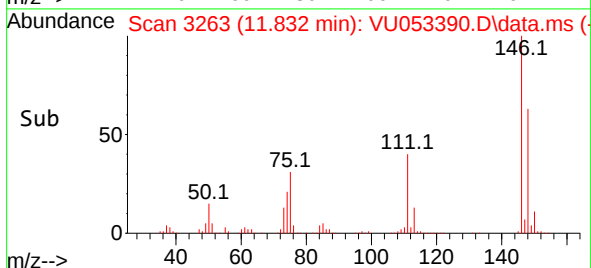
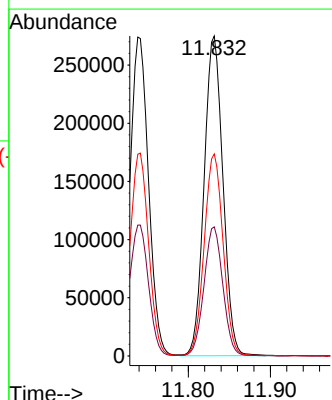
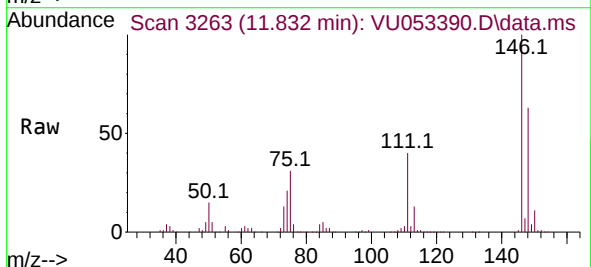
Instrument :
MSVOA_U
ClientSampleId :

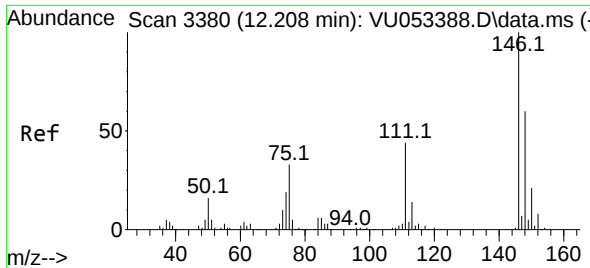
Tgt Ion:146 Resp: 434908
Ion Ratio Lower Upper
146 100
111 41.1 29.4 54.6
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 19.836 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion:146 Resp: 436869
Ion Ratio Lower Upper
146 100
111 40.3 29.8 55.4
148 63.2 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 20.052 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

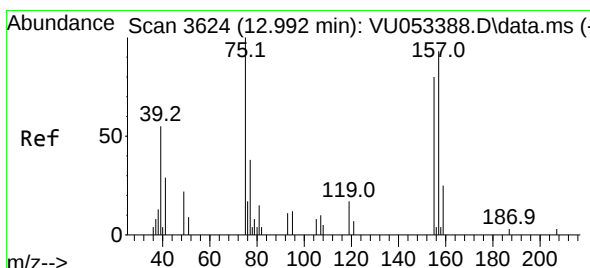
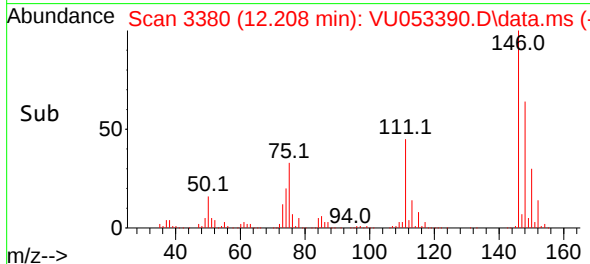
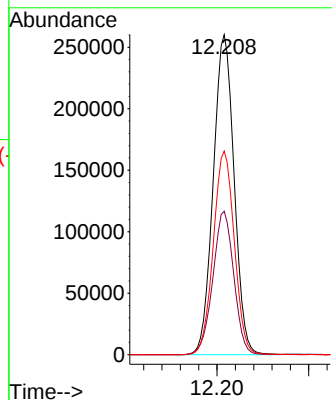
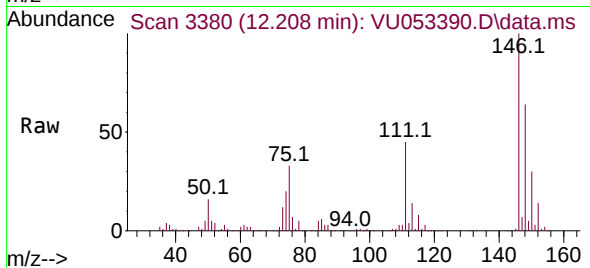
Tgt Ion:146 Resp: 411094

Ion Ratio Lower Upper

146 100

111 44.8 35.0 52.6

148 63.7 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 18.488 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053390.D

Acq: 24 Mar 2023 13:55

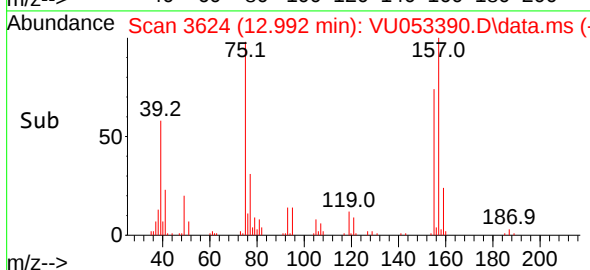
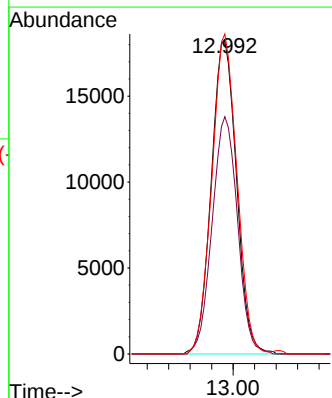
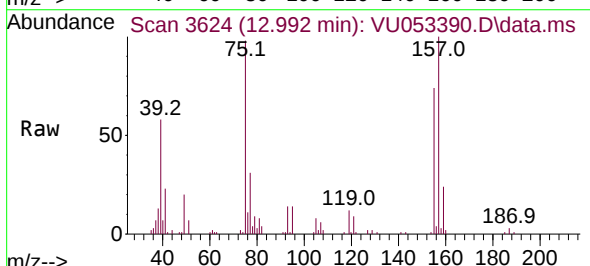
Tgt Ion: 75 Resp: 29671

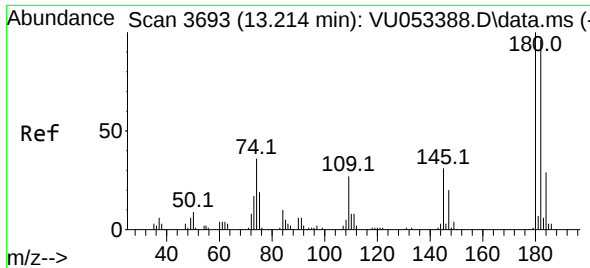
Ion Ratio Lower Upper

75 100

155 75.7 63.9 95.9

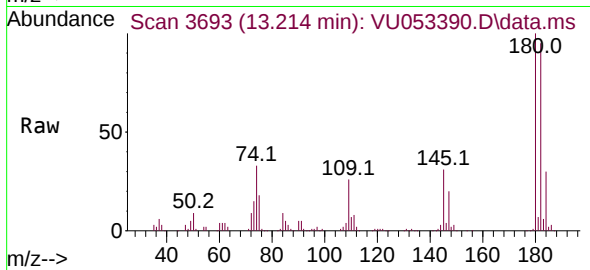
157 102.1 74.1 111.1



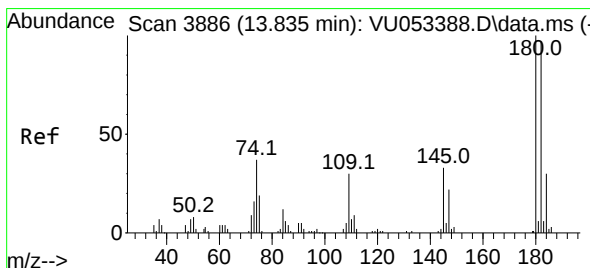
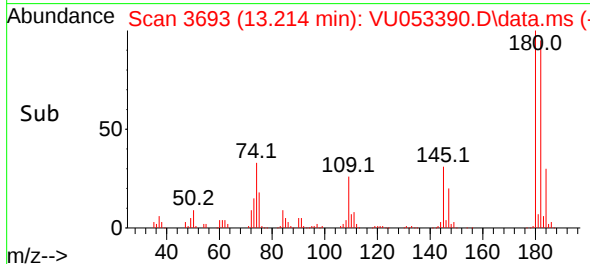
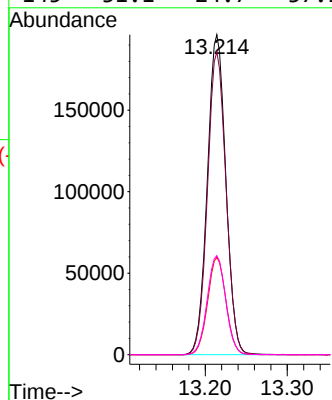


#69
1,3,5-Trichlorobenzene
Concen: 19.780 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :

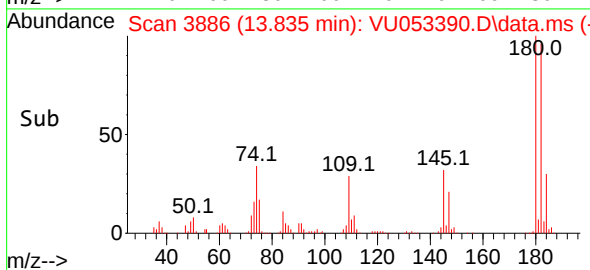
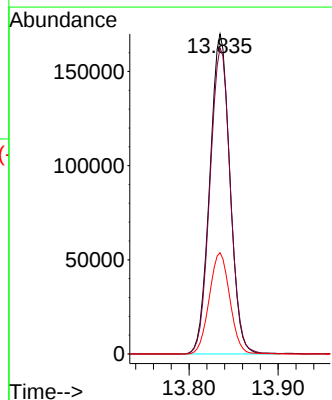
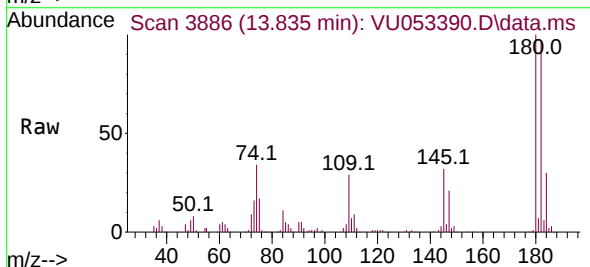


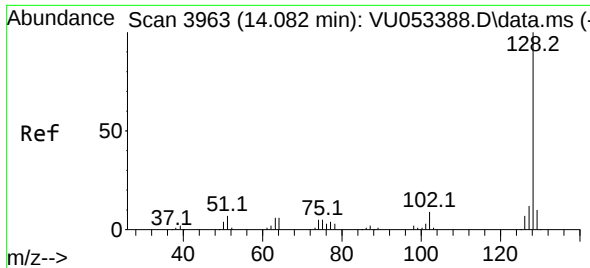
Tgt Ion:180 Resp: 306768
Ion Ratio Lower Upper
180 100
182 94.8 76.7 115.1
184 30.1 24.1 36.1
145 31.1 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 20.844 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

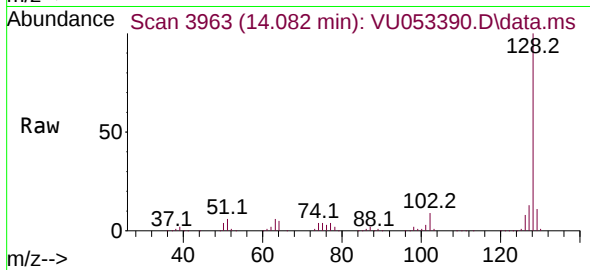
Tgt Ion:180 Resp: 266821
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.2
145 32.2 25.8 38.8



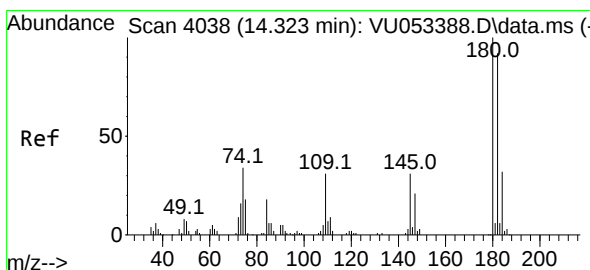
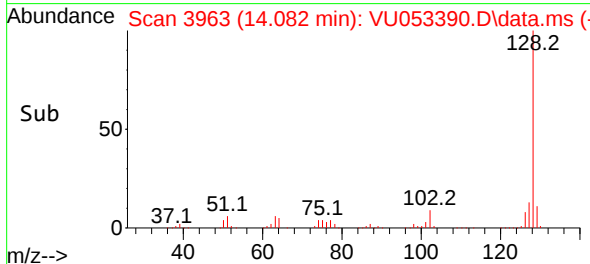
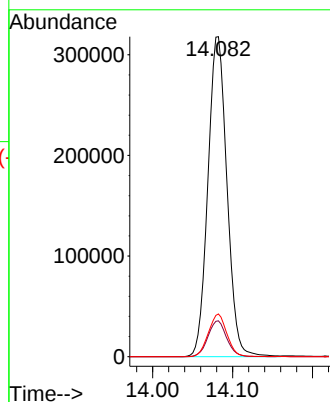


#71
Naphthalene
Concen: 20.770 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 527335
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 21.118 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053390.D
Acq: 24 Mar 2023 13:55

Tgt Ion:180 Resp: 237621
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
145 33.1 26.3 39.5

