

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053392.D
 Acq On : 24 Mar 2023 15:15
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:35:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:27:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	144373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	68067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49853	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.912	69	45992	5.102	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.000%		
11) 1,1-Dichloroethene-d2	2.565	65	21317	5.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.636	46	117997	51.860	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.720%		
24) Chloroform-d	5.057	84	99060	5.380	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.600%		
26) 1,2-Dichloroethane-d4	5.697	65	48670	5.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
32) Benzene-d6	5.722	84	196833	5.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
36) 1,2-Dichloropropane-d6	6.687	67	60607	5.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.893	98	187460	5.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
43) trans-1,3-Dichloroprop...	8.176	79	24184	5.513	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.200%		
46) 2-Hexanone-d5	8.629	63	93103	52.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.500%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50231	5.279	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.600%		
66) 1,2-Dichlorobenzene-d4	12.188	152	66596	5.438	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	55267	5.334	ug/L	99
3) Chloromethane	1.517	50	53026	5.088	ug/L	97
5) Vinyl chloride	1.604	62	61761	5.255	ug/L	96
6) Bromomethane	1.858	94	39587	5.318	ug/L	96
8) Chloroethane	1.935	64	34428	5.040	ug/L	98
9) Trichlorofluoromethane	2.137	101	85949	4.843	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	48554	5.398	ug/L	97
12) 1,1-Dichloroethene	2.578	96	41737	5.106	ug/L	98
13) Acetone	2.658	43	75878	56.195	ug/L	99
14) Carbon disulfide	2.793	76	125793	5.243	ug/L	99
15) Methyl Acetate	2.957	43	16212	5.118	ug/L	97
16) Methylene chloride	3.044	84	55503	5.170	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	103846	5.240	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	44980	5.298	ug/L	94
19) 1,1-Dichloroethane	3.864	63	81773	5.228	ug/L	94
21) 2-Butanone	4.716	43	116998	55.803	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	51050	4.463	ug/L	97
23) Bromochloromethane	4.973	128	21244	5.247	ug/L	97
25) Chloroform	5.083	83	85791	5.332	ug/L	96

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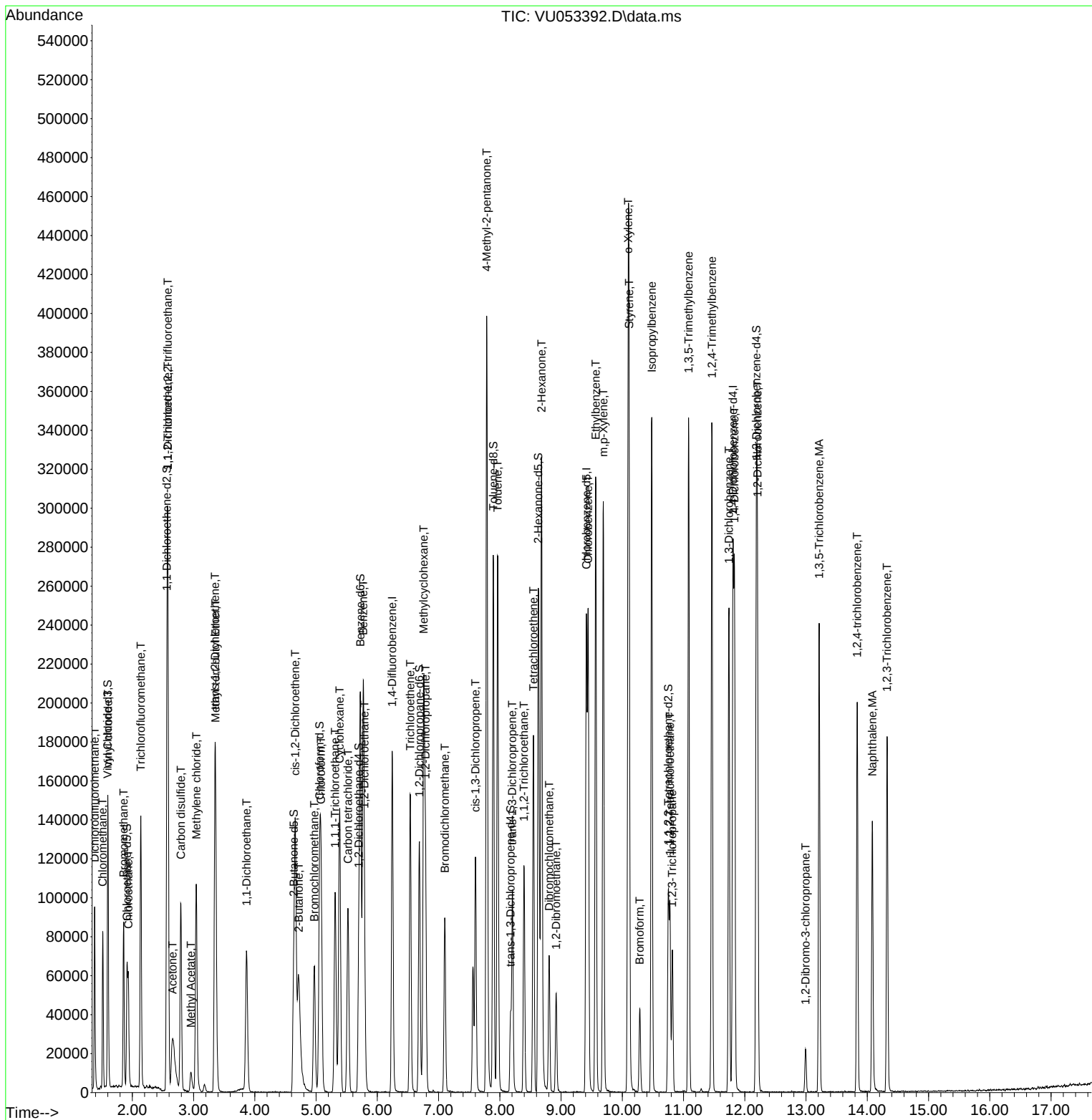
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 ClientSampleId :

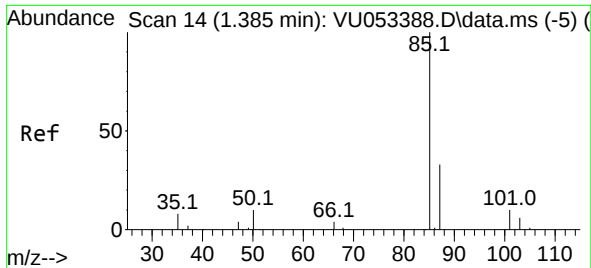
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	53268	5.285	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	71988	5.508	ug/L	97
30) Cyclohexane	5.385	56	76486	5.493	ug/L	97
31) Carbon tetrachloride	5.520	117	60086	5.433	ug/L	100
33) Benzene	5.771	78	186589	5.261	ug/L	100
34) Trichloroethene	6.539	95	51216	5.422	ug/L	95
35) Methylcyclohexane	6.758	83	87632	5.407	ug/L	98
37) 1,2-Dichloropropane	6.787	63	49026	5.235	ug/L	100
38) Bromodichloromethane	7.102	83	56779	5.459	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	73572	5.317	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	248723	54.268	ug/L	99
42) Toluene	7.967	91	207356	5.350	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	59059	5.246	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	36103	5.429	ug/L	97
47) Tetrachloroethene	8.549	164	37403	5.389	ug/L	97
48) 2-Hexanone	8.681	43	192839	56.903	ug/L	99
49) Dibromochloromethane	8.806	129	36024	5.478	ug/L	99
50) 1,2-Dibromoethane	8.918	107	34025	5.297	ug/L	100
51) Chlorobenzene	9.443	112	133153	5.447	ug/L	99
52) Ethylbenzene	9.568	91	228677	5.413	ug/L	99
53) m,p-Xylene	9.690	106	91376	5.674	ug/L	97
54) o-Xylene	10.095	106	85426	5.591	ug/L	99
55) Styrene	10.111	104	139841	5.573	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.777	83	44351	5.281	ug/L	98
59) Bromoform	10.285	173	17903	5.108	ug/L	95
60) Isopropylbenzene	10.481	105	229177	5.543	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	30788	5.459	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	187473	5.588	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	192474	5.602	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	98324	5.409	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	98809	5.414	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	93451	5.423	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5848	5.348	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	68921	5.431	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	59214	5.869	ug/L	99
71) Naphthalene	14.082	128	114046	6.000	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	53666	6.094	ug/L	99

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

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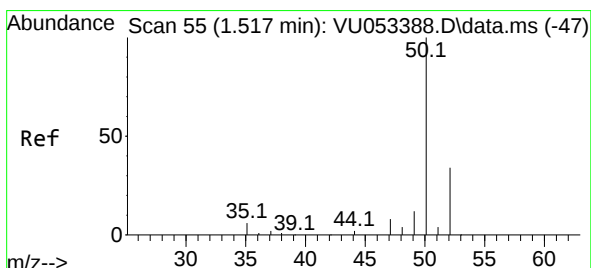
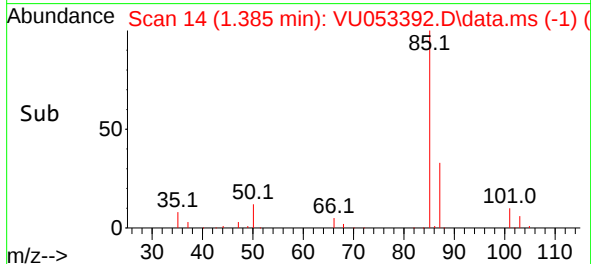
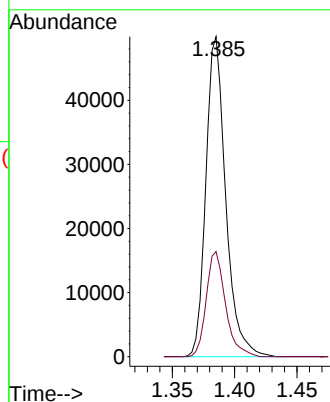
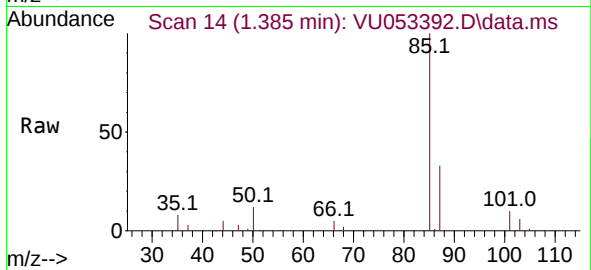




#2
Dichlorodifluoromethane
Concen: 5.334 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

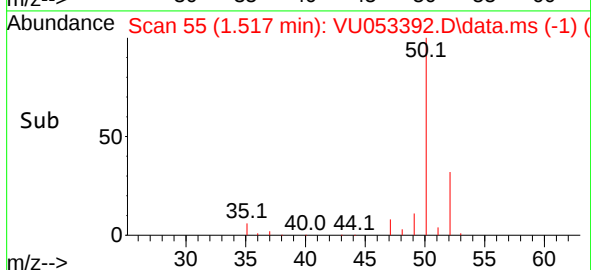
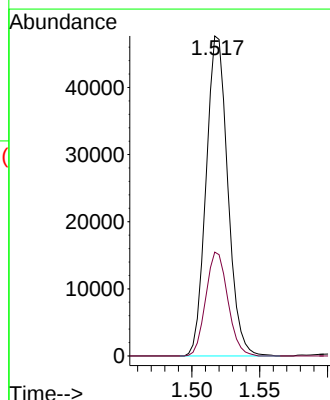
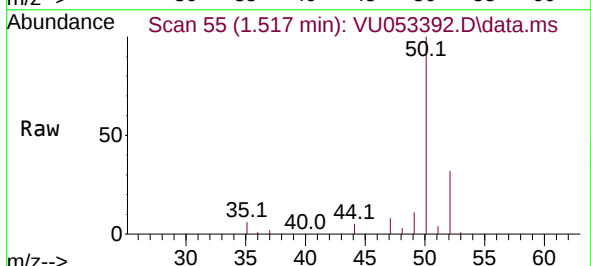
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MSVOA_U
ClientSampleId :

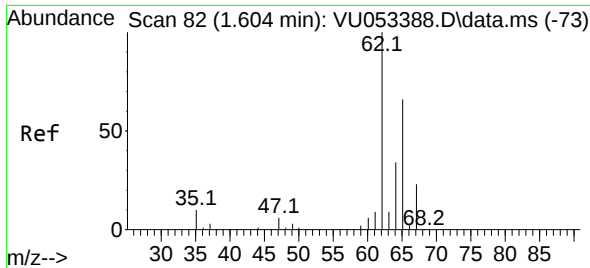
Tgt Ion: 85 Resp: 55267
Ion Ratio Lower Upper
85 100
87 31.9 26.1 39.1



#3
Chloromethane
Concen: 5.088 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion: 50 Resp: 53026
Ion Ratio Lower Upper
50 100
52 32.5 23.9 44.3

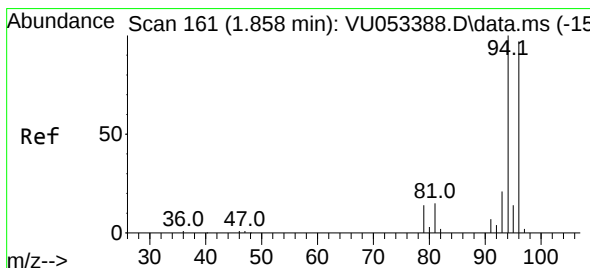
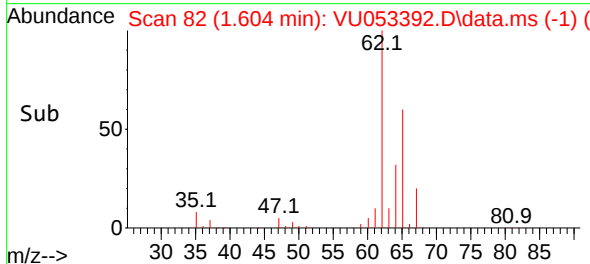
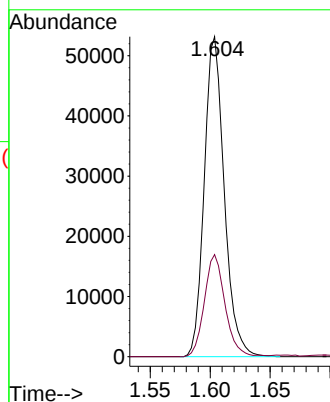
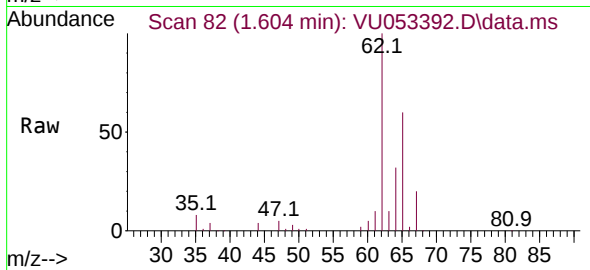




#5
 Vinyl chloride
 Concen: 5.255 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU053392.D
 Acq: 24 Mar 2023 15:15

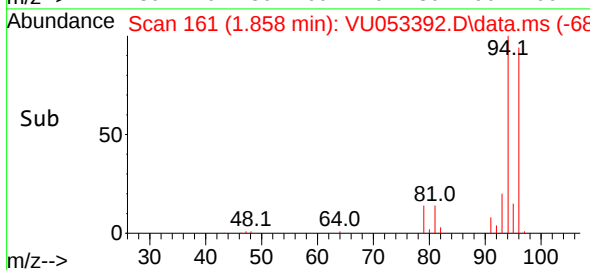
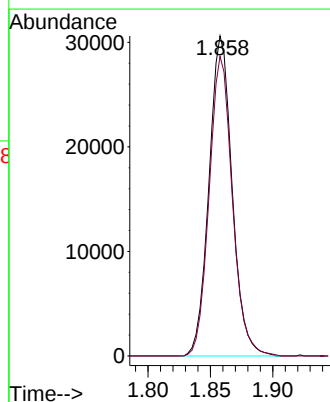
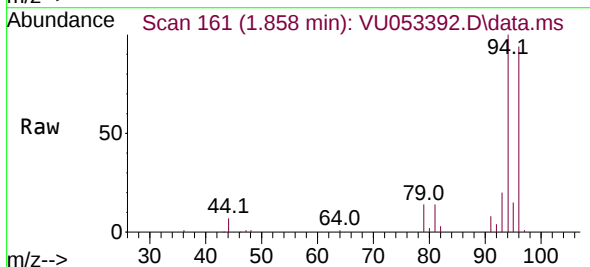
Instrument :
 MSVOA_U
 ClientSampleId :

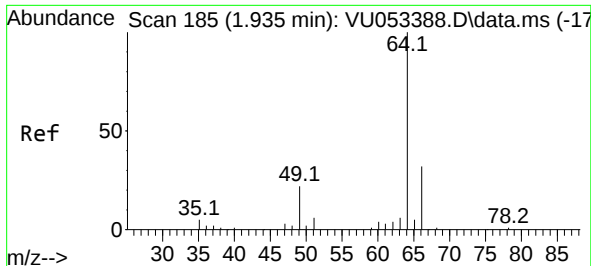
Tgt Ion: 62 Resp: 61761
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.1 44.7



#6
 Bromomethane
 Concen: 5.318 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU053392.D
 Acq: 24 Mar 2023 15:15

Tgt Ion: 94 Resp: 39587
 Ion Ratio Lower Upper
 94 100
 96 93.7 68.3 126.8

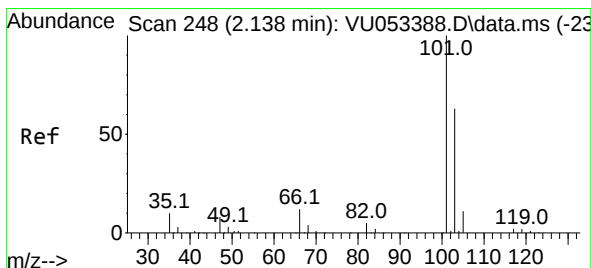
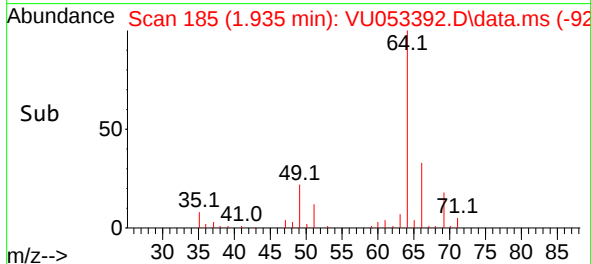
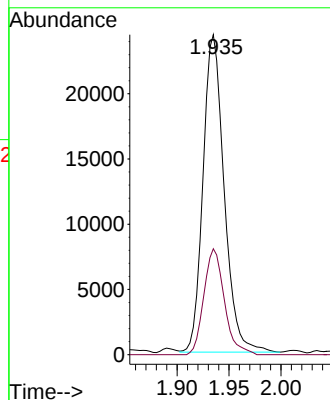
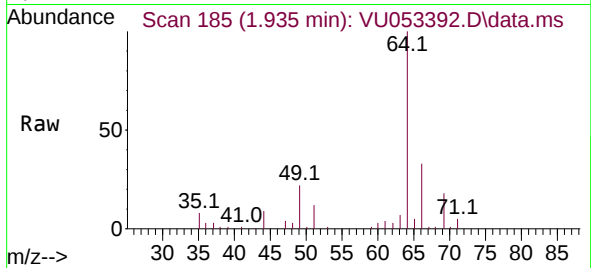




#8
Chloroethane
Concen: 5.040 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

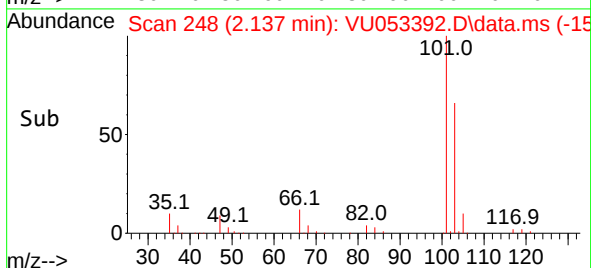
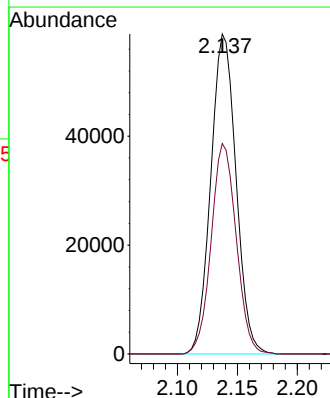
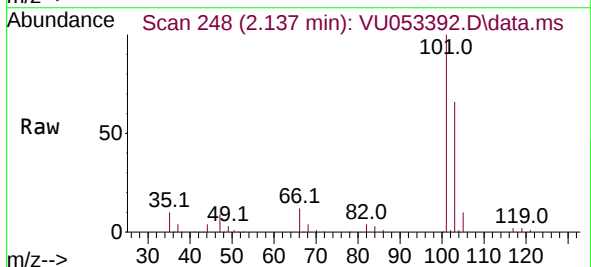
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MSVOA_U
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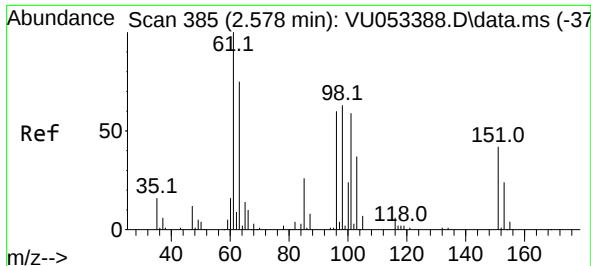
Tgt Ion: 64 Resp: 34428
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.843 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion:101 Resp: 85949
Ion Ratio Lower Upper
101 100
103 65.2 50.2 75.2





#10

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

Concen: 5.398 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053392.D

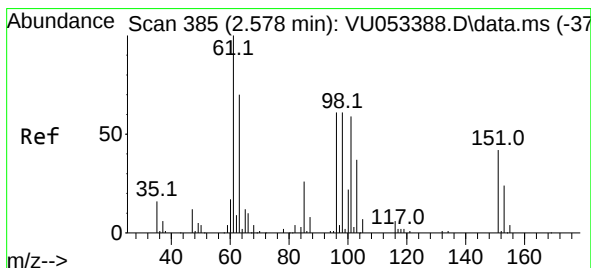
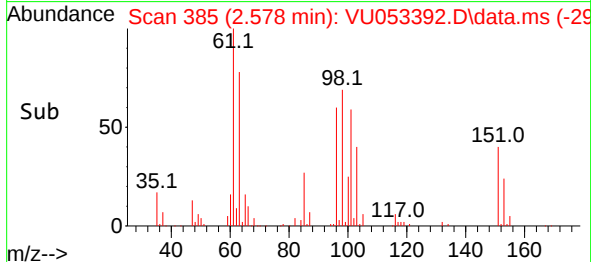
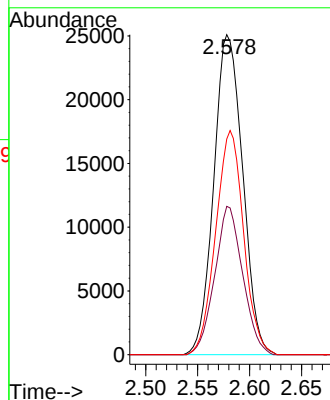
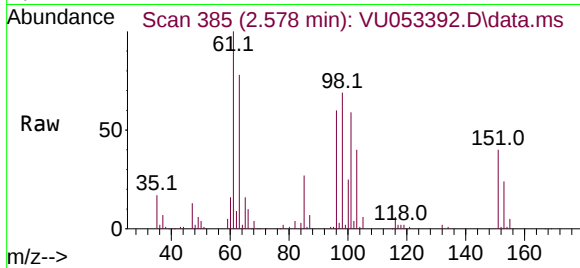
Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	48554
Ion	Ratio	Lower	Upper
101	100		
85	44.9	37.0	55.4
151	67.8	56.8	85.2



#12

1,1-Dichloroethene

Concen: 5.106 ug/L

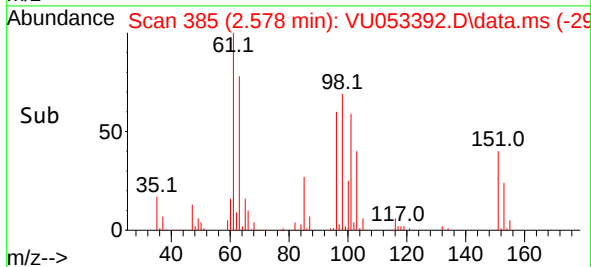
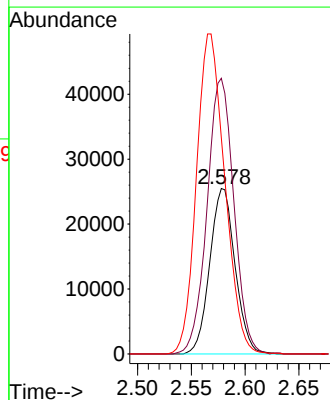
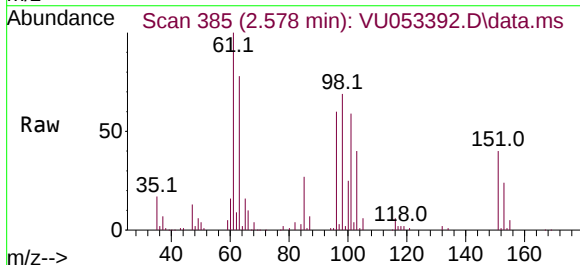
RT: 2.578 min Scan# 385

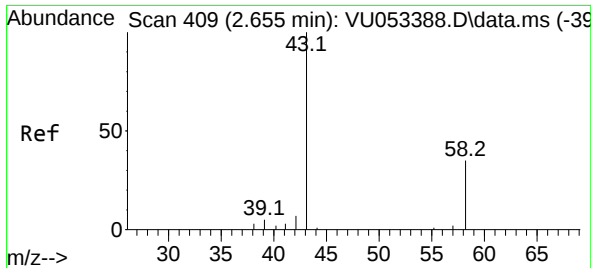
Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Tgt Ion:	96	Resp:	41737
Ion	Ratio	Lower	Upper
96	100		
61	166.7	116.8	216.8
63	130.8	88.6	164.6





#13

Acetone

Concen: 56.195 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

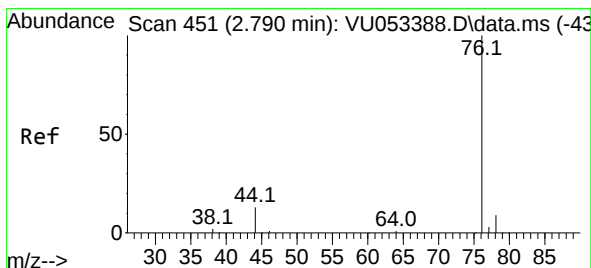
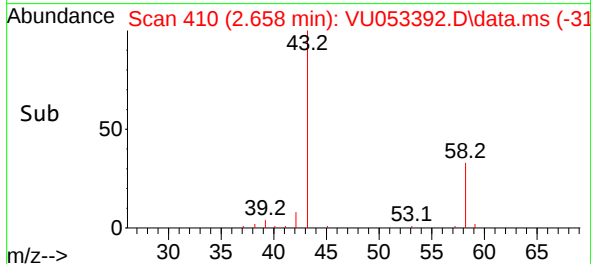
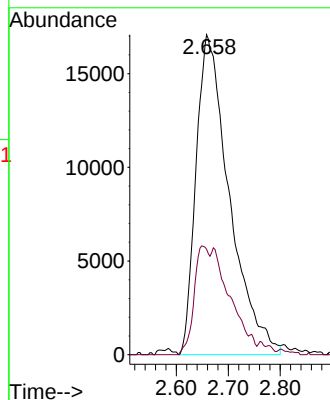
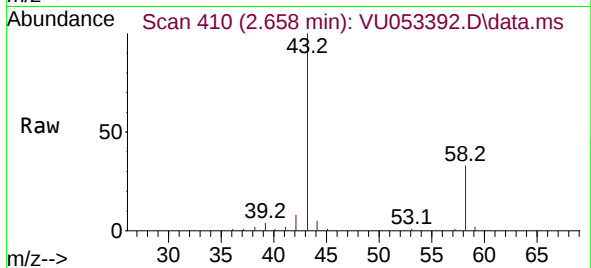
ClientSampleId :

Tgt Ion: 43 Resp: 75878

Ion Ratio Lower Upper

43 100

58 15.6 0.0 32.2



#14

Carbon disulfide

Concen: 5.243 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU053392.D

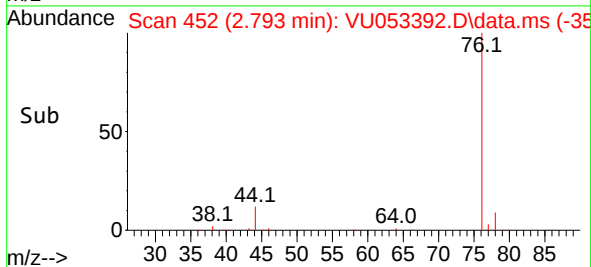
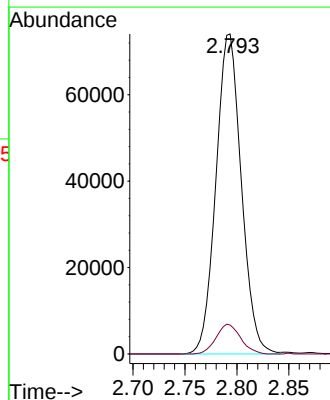
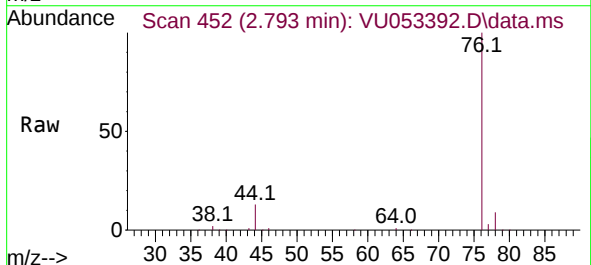
Acq: 24 Mar 2023 15:15

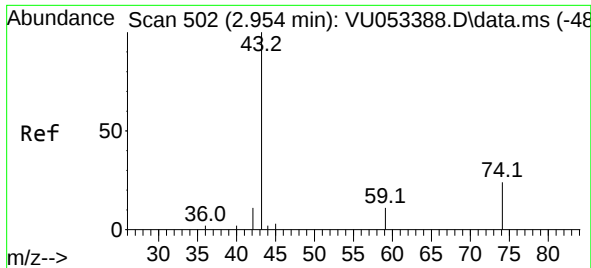
Tgt Ion: 76 Resp: 125793

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

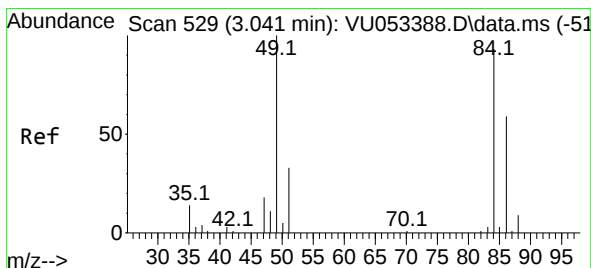
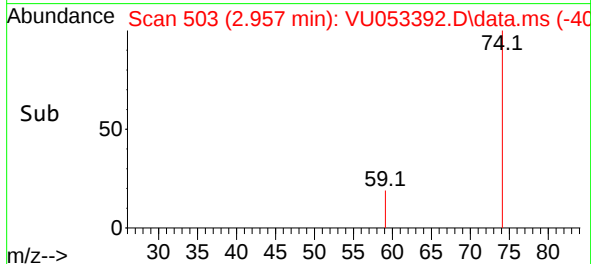
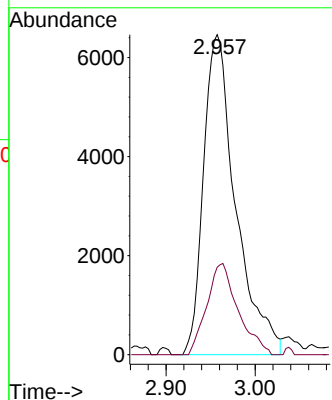
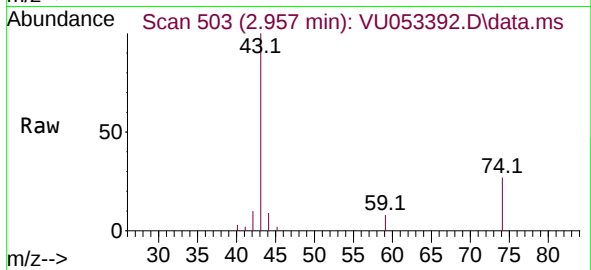




#15
Methyl Acetate
Concen: 5.118 ug/L
RT: 2.957 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

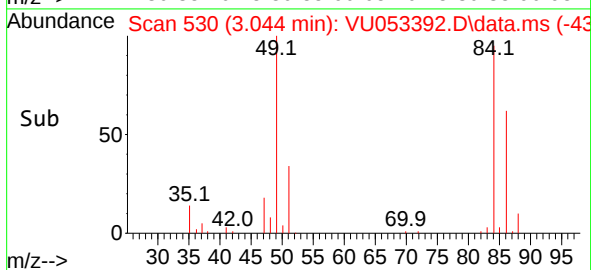
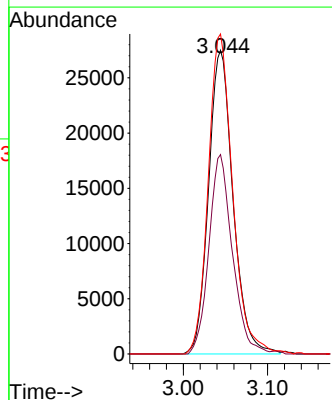
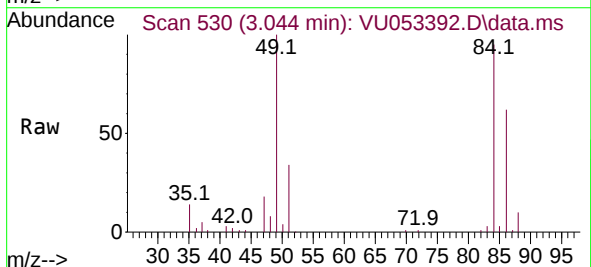
Instrument :
MSVOA_U
ClientSampleId :

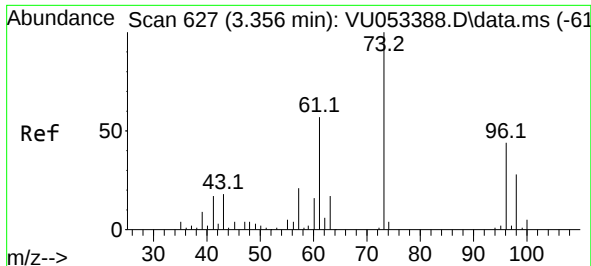
Tgt Ion: 43 Resp: 16212
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2



#16
Methylene chloride
Concen: 5.170 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion: 84 Resp: 55503
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 105.4 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.240 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

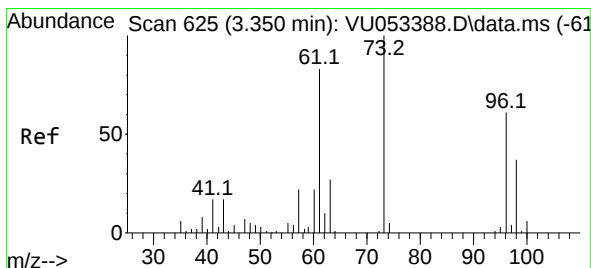
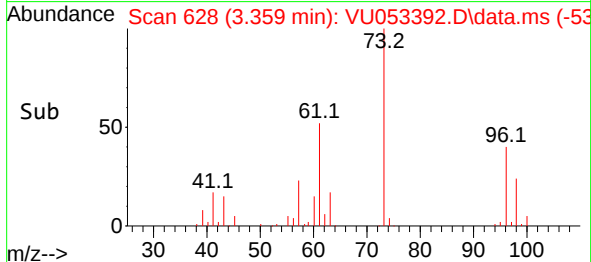
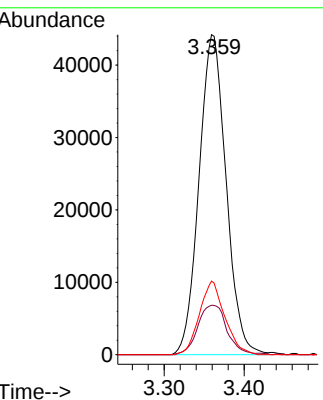
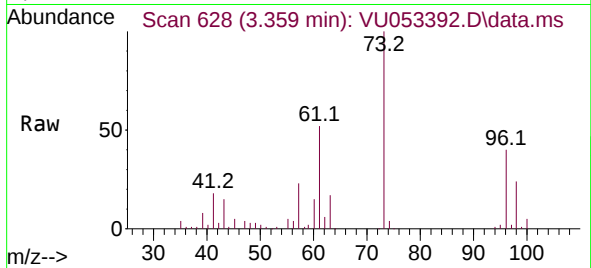
Tgt Ion: 73 Resp: 103846

Ion Ratio Lower Upper

73 100

43 16.6 13.9 20.9

57 21.6 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 5.298 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

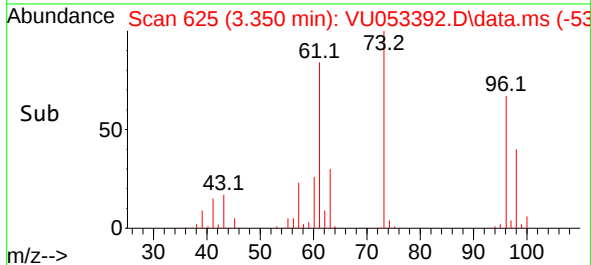
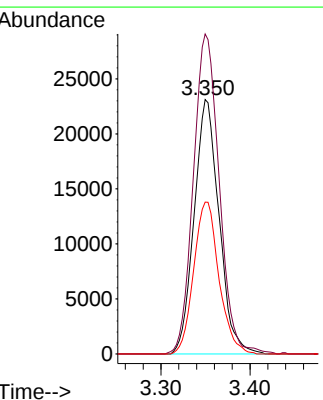
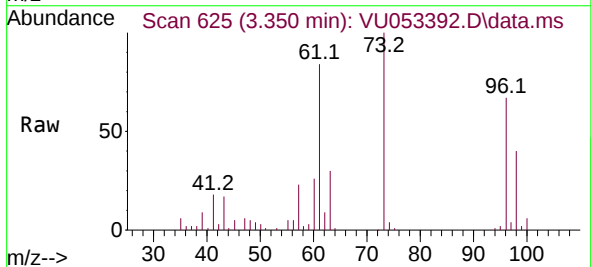
Tgt Ion: 96 Resp: 44980

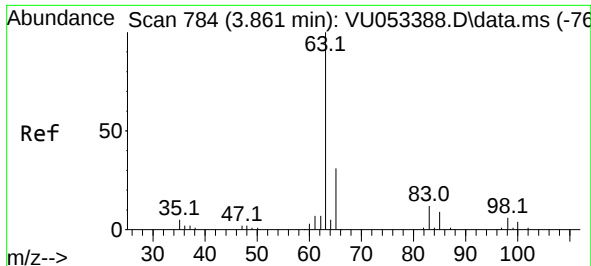
Ion Ratio Lower Upper

96 100

61 125.8 95.5 177.3

98 59.7 42.2 78.4





#19

1,1-Dichloroethane

Concen: 5.228 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

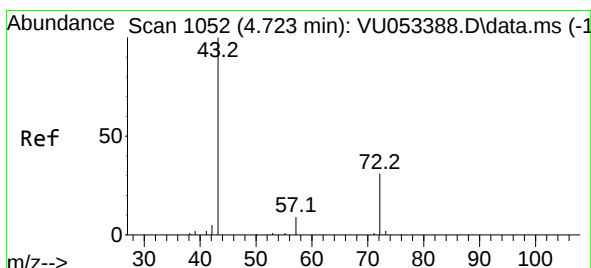
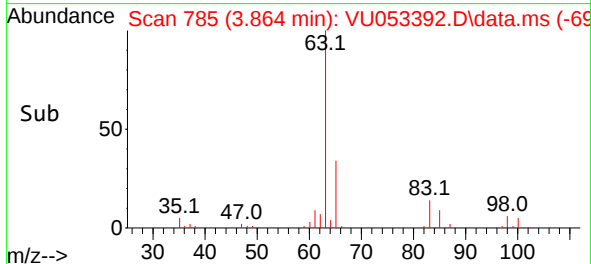
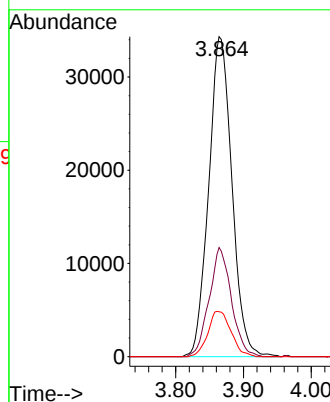
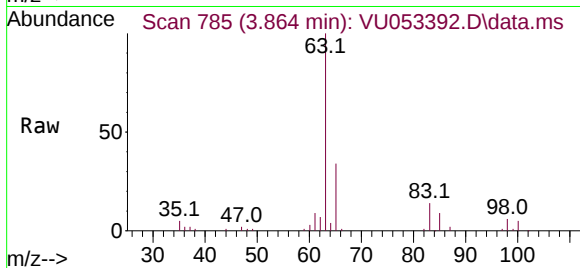
Tgt Ion: 63 Resp: 81773

Ion Ratio Lower Upper

63 100

65 34.1 21.7 40.3

83 14.1 8.1 15.1



#21

2-Butanone

Concen: 55.803 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.006 min

Lab File: VU053392.D

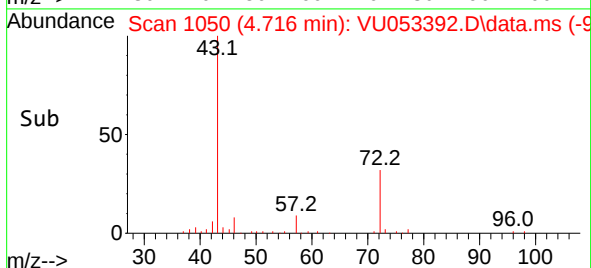
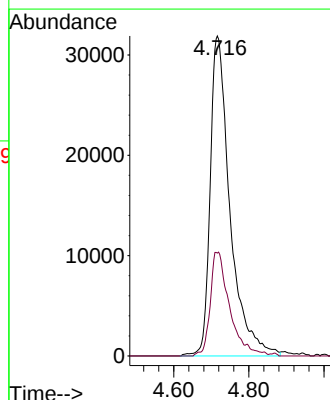
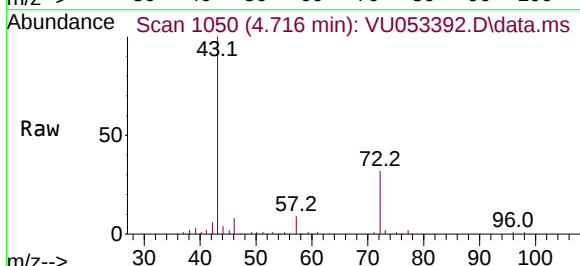
Acq: 24 Mar 2023 15:15

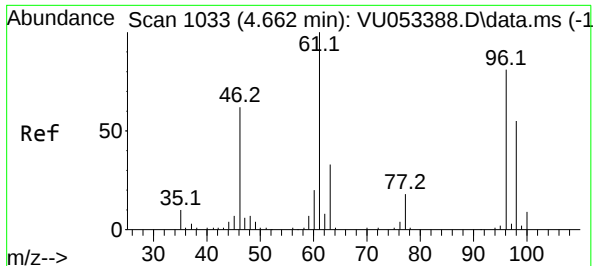
Tgt Ion: 43 Resp: 116998

Ion Ratio Lower Upper

43 100

72 30.1 16.2 48.6





#22

cis-1,2-Dichloroethene

Concen: 4.463 ug/L

RT: 4.661 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

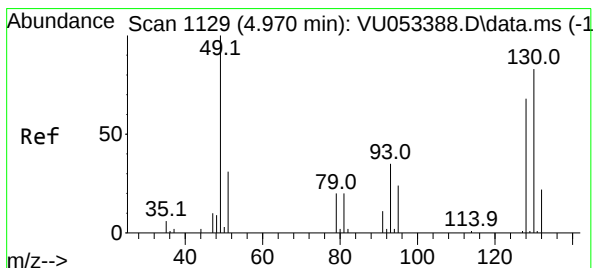
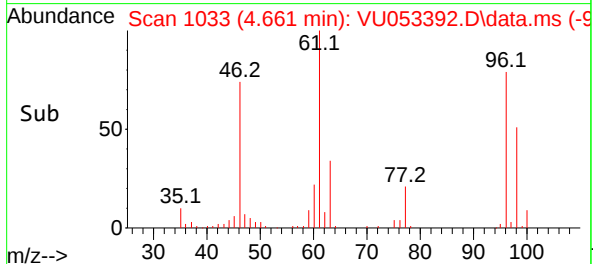
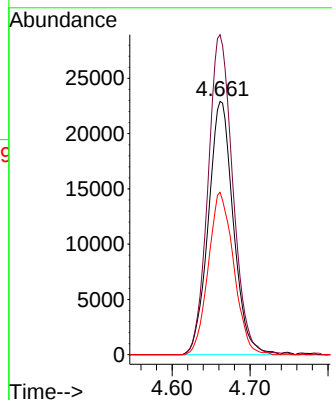
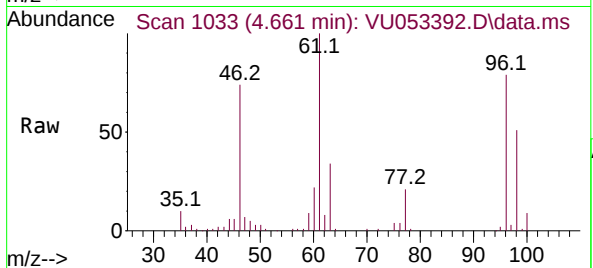
Tgt Ion: 96 Resp: 51050

Ion Ratio Lower Upper

96 100

61 126.3 86.6 160.8

98 64.1 47.7 88.5



#23

Bromochloromethane

Concen: 5.247 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Tgt Ion:128 Resp: 21244

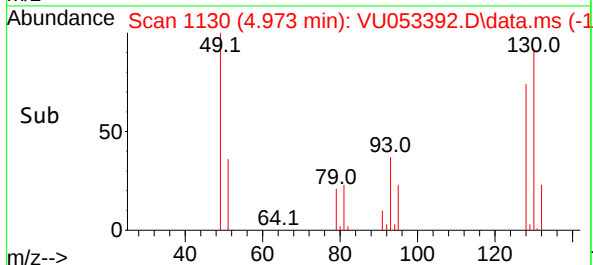
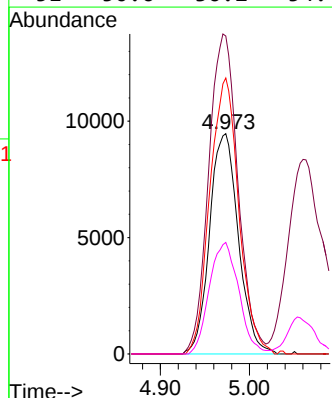
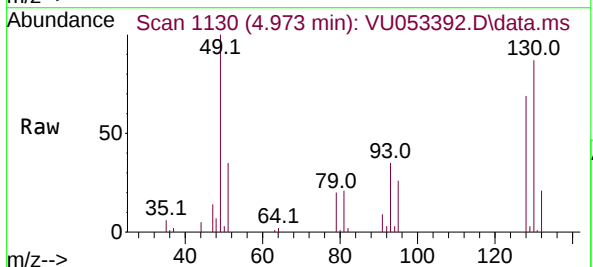
Ion Ratio Lower Upper

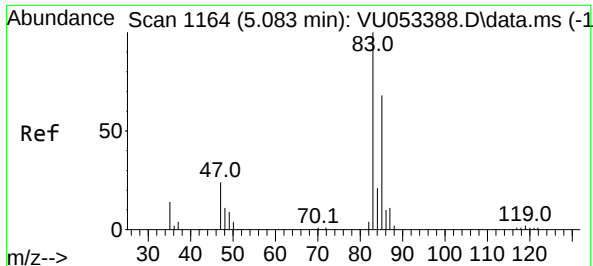
128 100

49 144.4 102.8 190.8

130 125.3 85.1 158.1

51 50.6 36.2 54.4





#25

Chloroform

Concen: 5.332 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

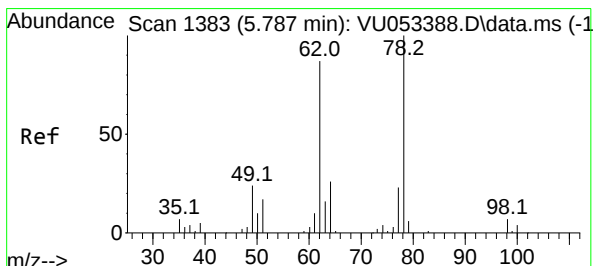
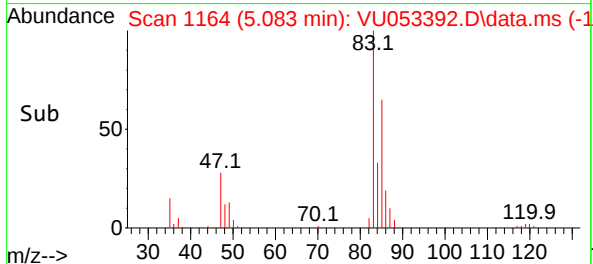
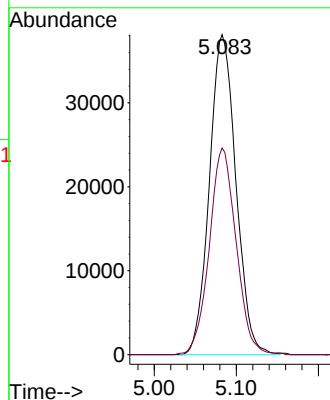
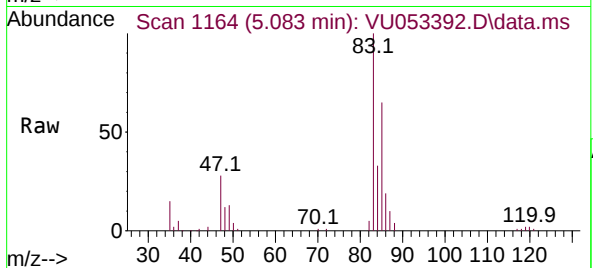
ClientSampleId :

Tgt Ion: 83 Resp: 85791

Ion Ratio Lower Upper

83 100

85 64.6 47.3 87.9



#27

1,2-Dichloroethane

Concen: 5.285 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.003 min

Lab File: VU053392.D

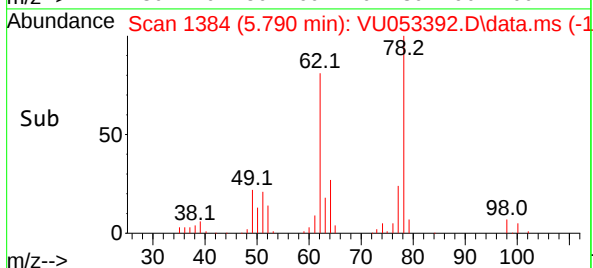
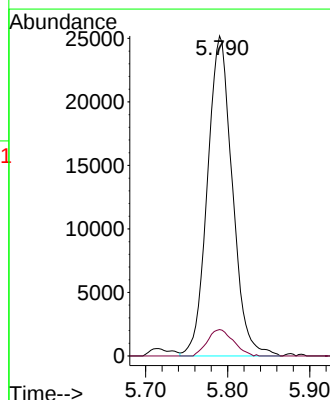
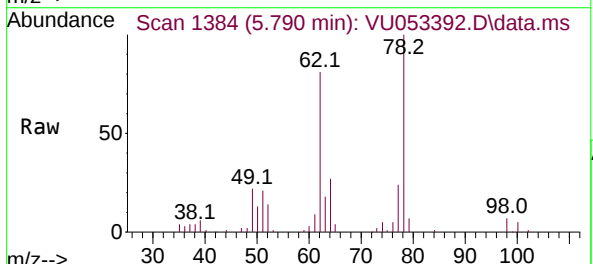
Acq: 24 Mar 2023 15:15

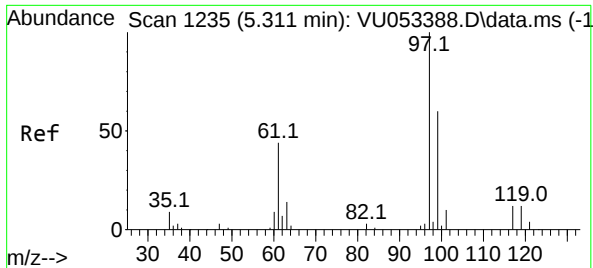
Tgt Ion: 62 Resp: 53268

Ion Ratio Lower Upper

62 100

98 8.2 6.4 9.6





#29

1,1,1-Trichloroethane

Concen: 5.508 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

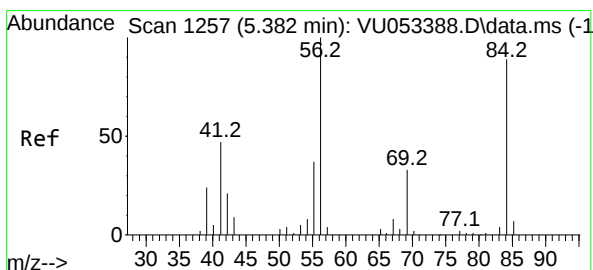
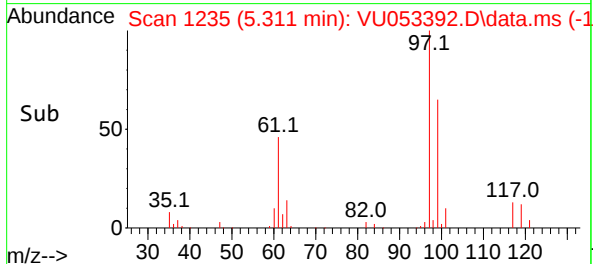
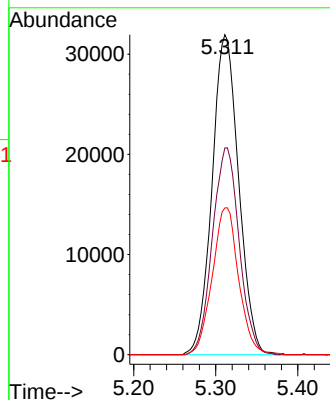
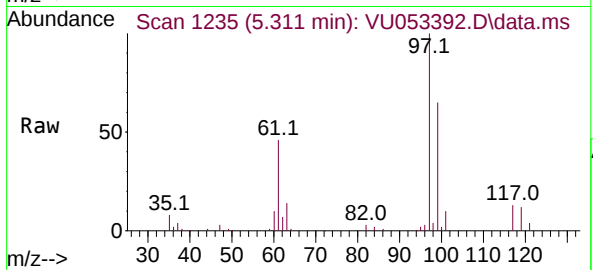
Tgt Ion: 97 Resp: 71988

Ion Ratio Lower Upper

97 100

99 65.1 49.9 74.9

61 45.6 35.7 53.5



#30

Cyclohexane

Concen: 5.493 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

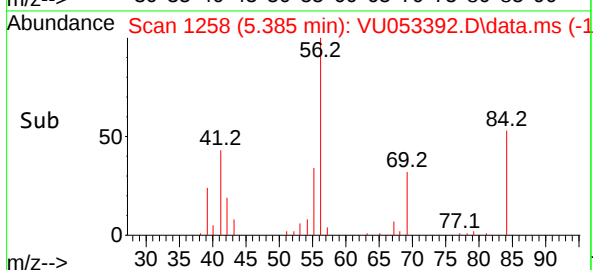
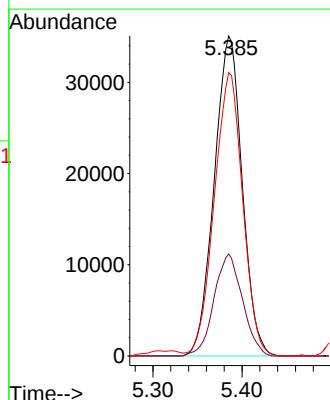
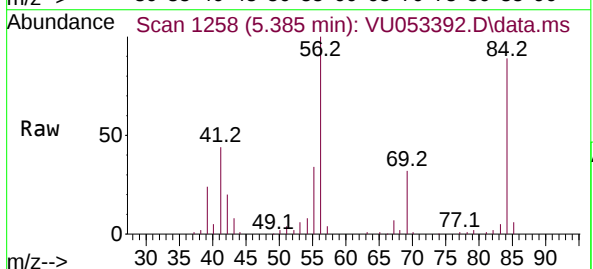
Tgt Ion: 56 Resp: 76486

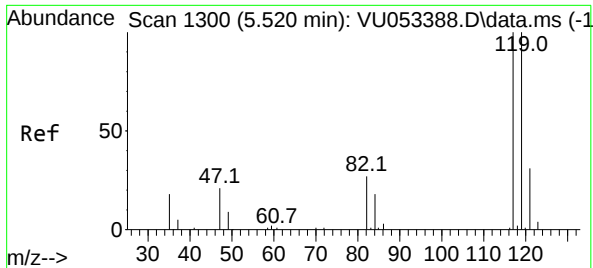
Ion Ratio Lower Upper

56 100

69 32.4 26.1 39.1

84 90.2 75.6 113.4

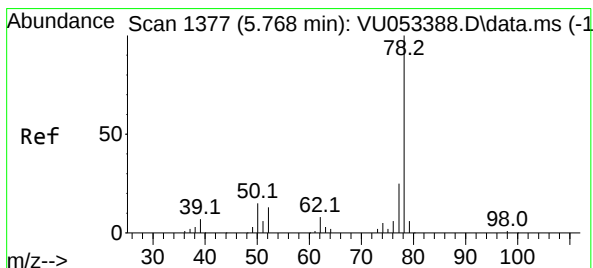
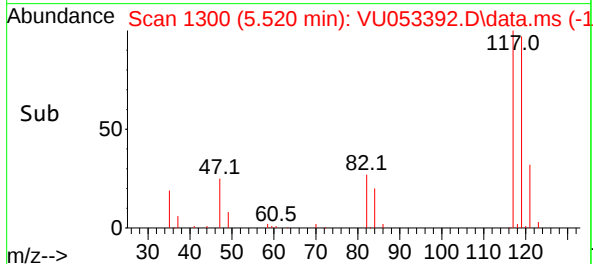
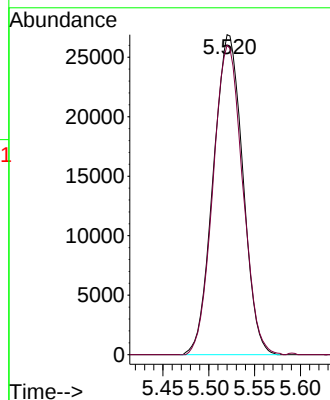
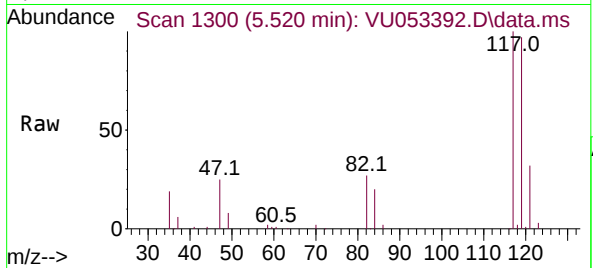




#31
Carbon tetrachloride
Concen: 5.433 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

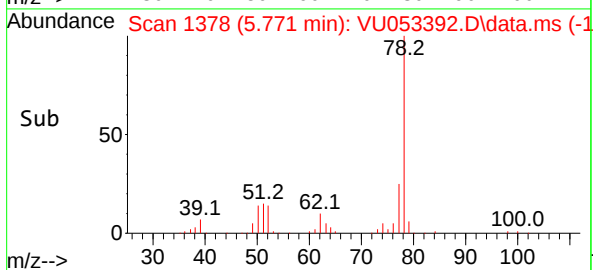
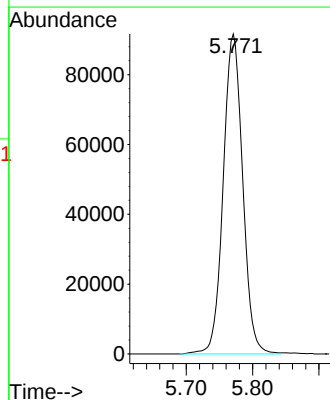
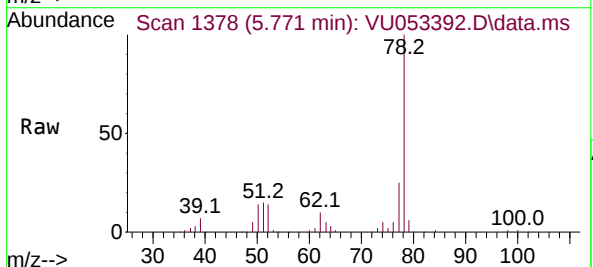
Instrument :
MSVOA_U
ClientSampleId :

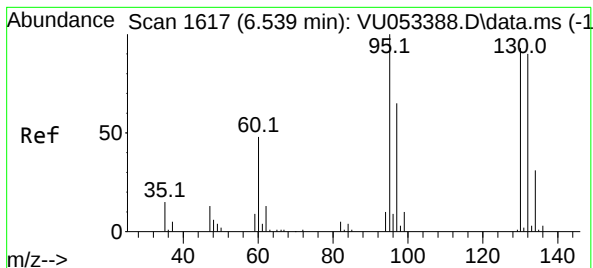
Tgt Ion:117 Resp: 60086
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



#33
Benzene
Concen: 5.261 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion: 78 Resp: 186589





#34

Trichloroethene

Concen: 5.422 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 51216

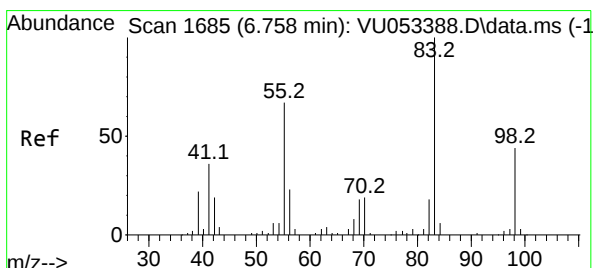
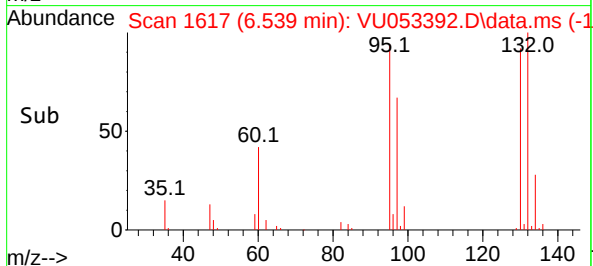
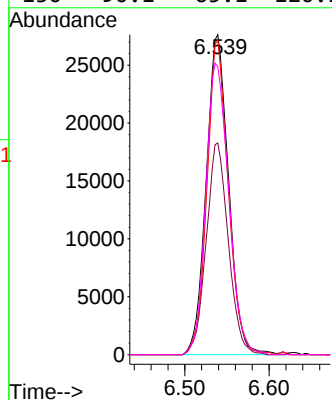
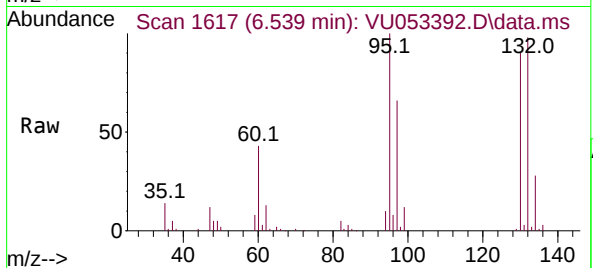
Ion Ratio Lower Upper

95 100

97 66.2 45.3 84.1

132 98.4 62.8 116.6

130 90.1 65.1 120.9



#35

Methylcyclohexane

Concen: 5.407 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

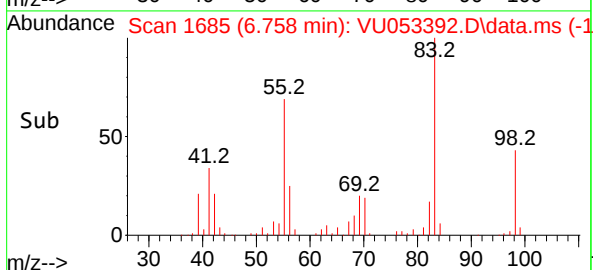
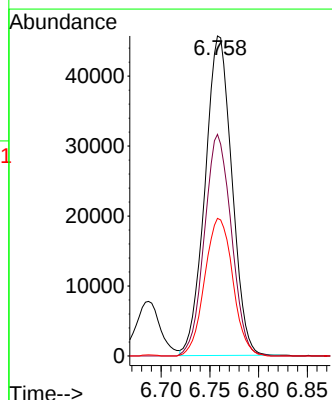
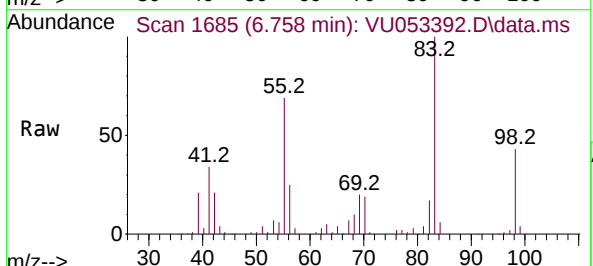
Tgt Ion: 83 Resp: 87632

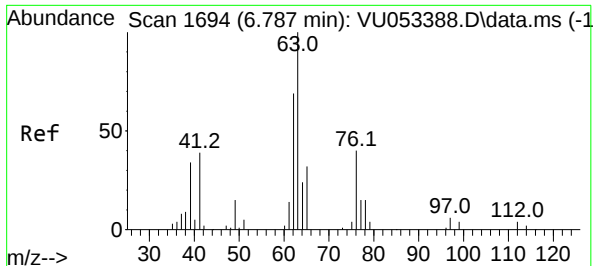
Ion Ratio Lower Upper

83 100

55 69.5 54.9 82.3

98 45.0 34.9 52.3





#37

1,2-Dichloropropane

Concen: 5.235 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

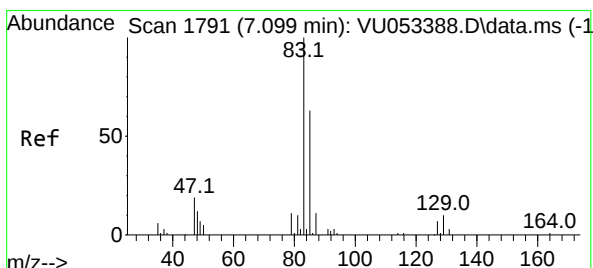
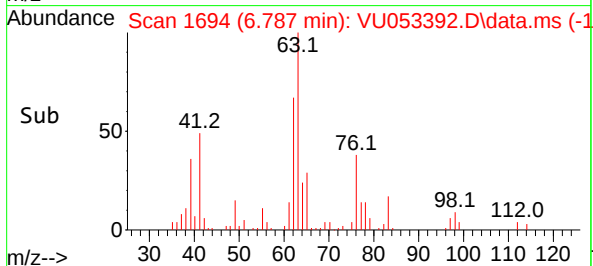
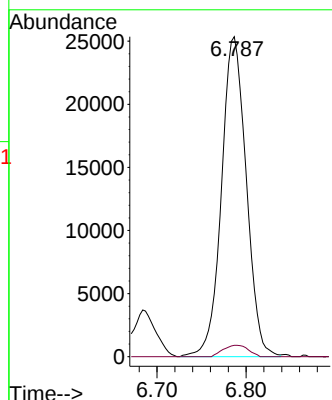
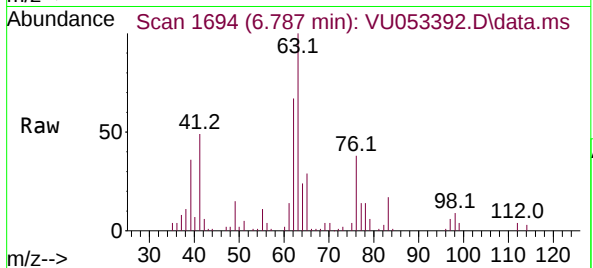
ClientSampleId :

Tgt Ion: 63 Resp: 49026

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 5.459 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

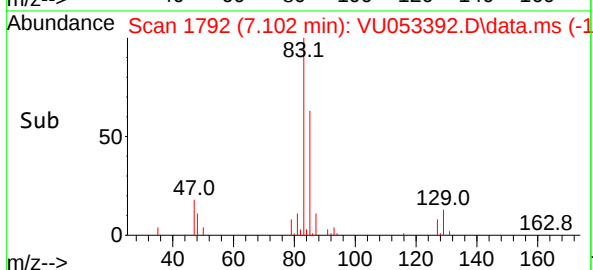
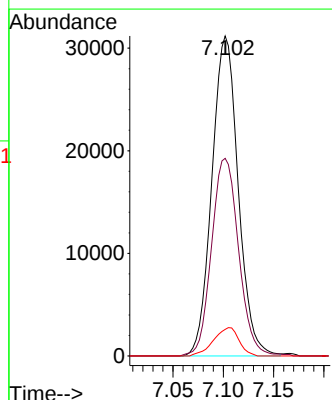
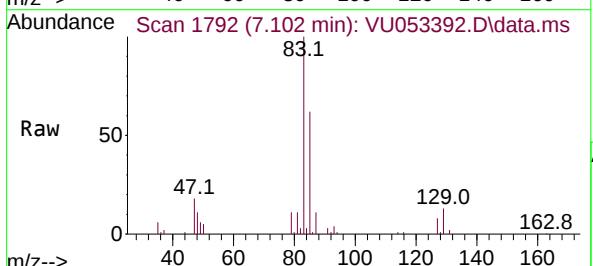
Tgt Ion: 83 Resp: 56779

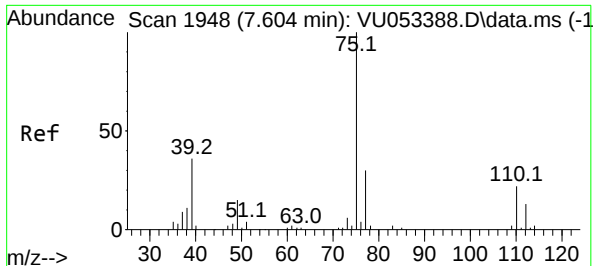
Ion Ratio Lower Upper

83 100

85 61.7 44.0 81.8

127 8.3 5.8 8.6

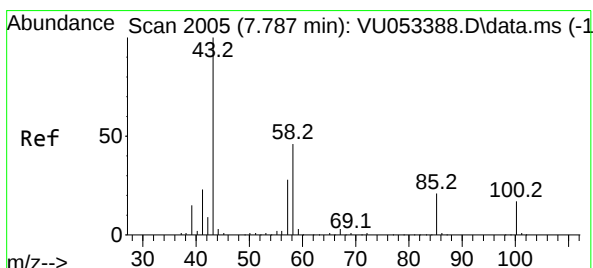
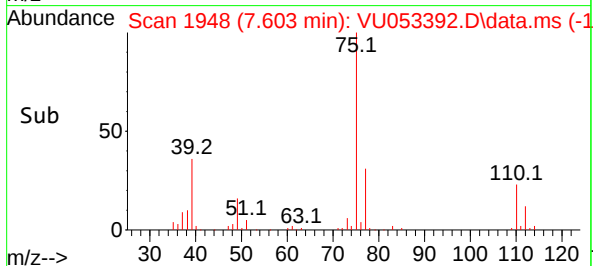
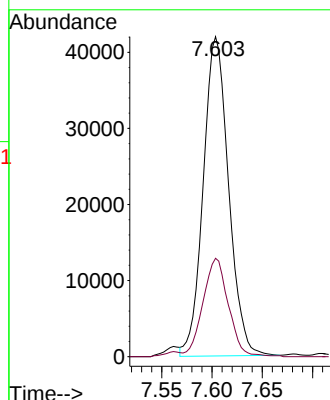
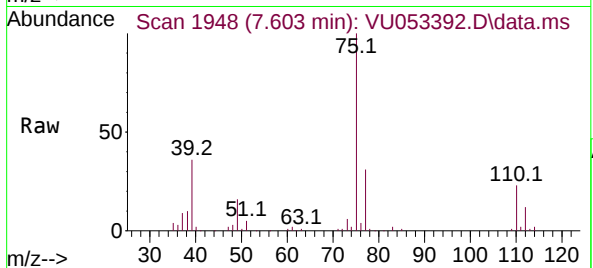




#39
cis-1,3-Dichloropropene
Concen: 5.317 ug/L
RT: 7.603 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

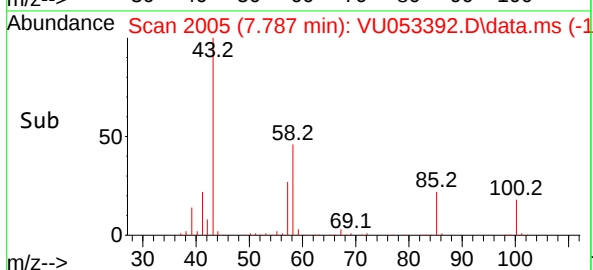
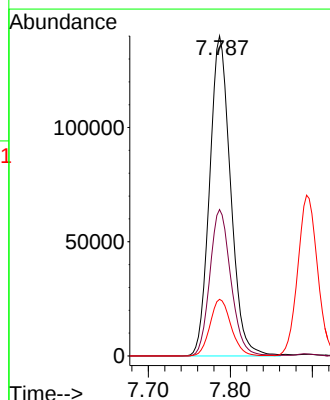
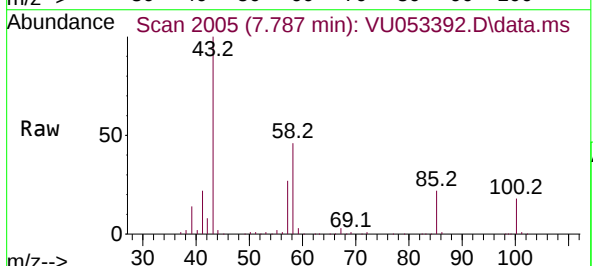
Instrument :
MSVOA_U
ClientSampleId :

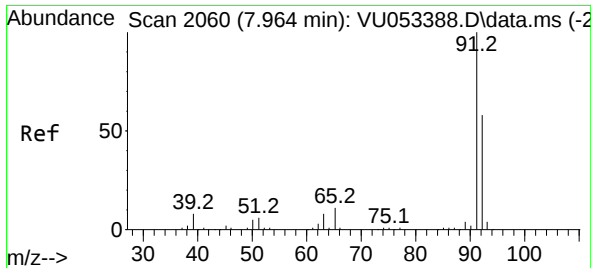
Tgt Ion: 75 Resp: 73572
Ion Ratio Lower Upper
75 100
77 30.8 21.1 39.3



#40
4-Methyl-2-pentanone
Concen: 54.268 ug/L
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion: 43 Resp: 248723
Ion Ratio Lower Upper
43 100
58 46.1 37.4 56.0
100 17.8 14.0 21.0





#42

Toluene

Concen: 5.350 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

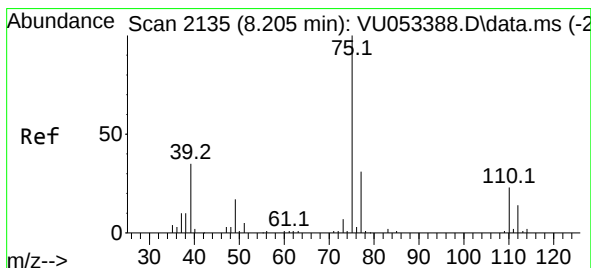
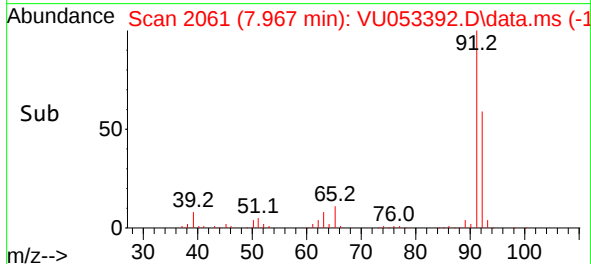
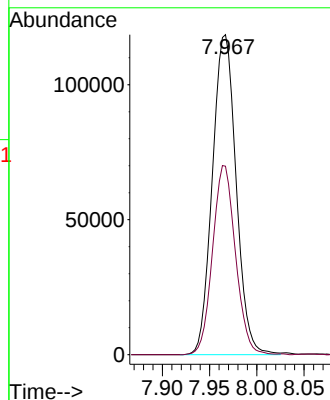
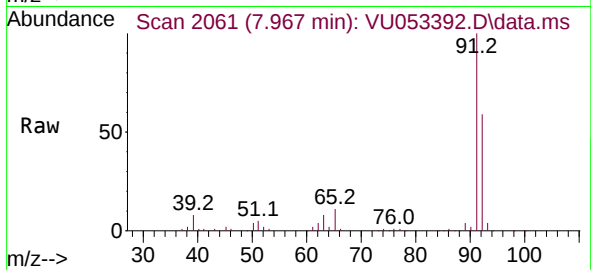
ClientSampleId :

Tgt Ion: 91 Resp: 207356

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.246 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053392.D

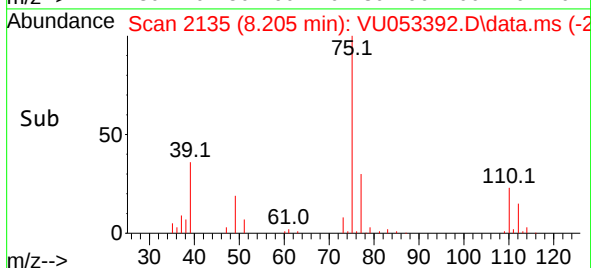
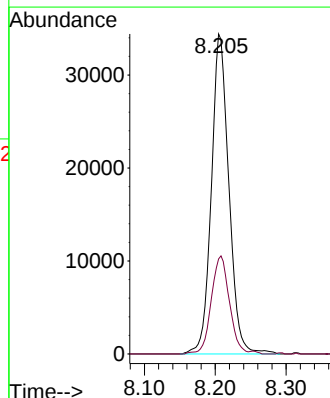
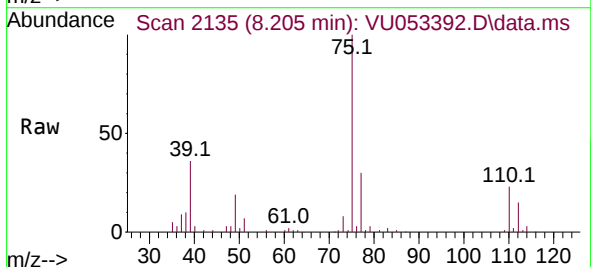
Acq: 24 Mar 2023 15:15

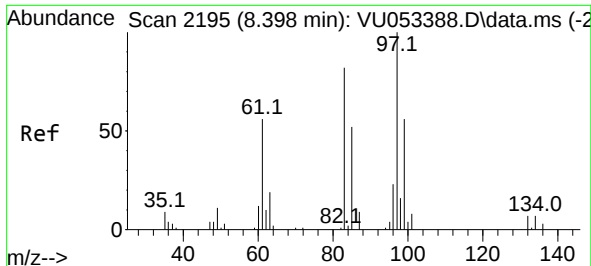
Tgt Ion: 75 Resp: 59059

Ion Ratio Lower Upper

75 100

77 29.7 22.0 40.8

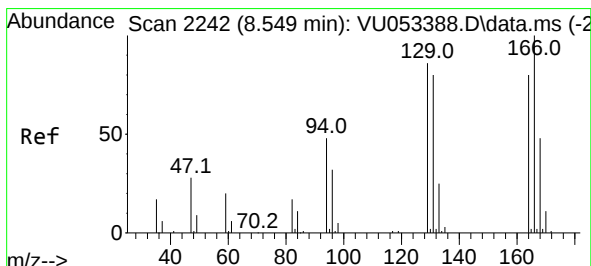
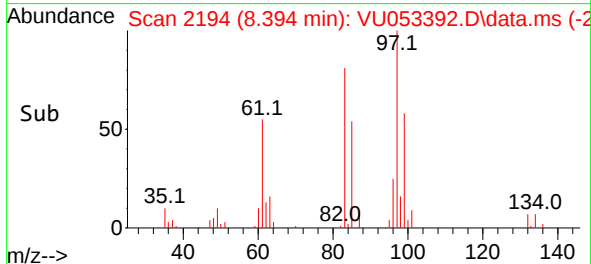
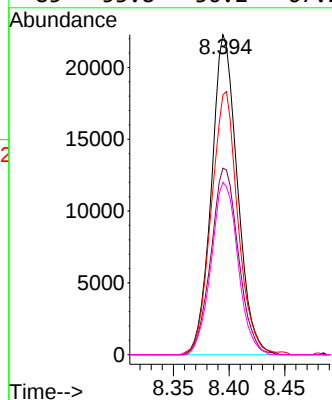
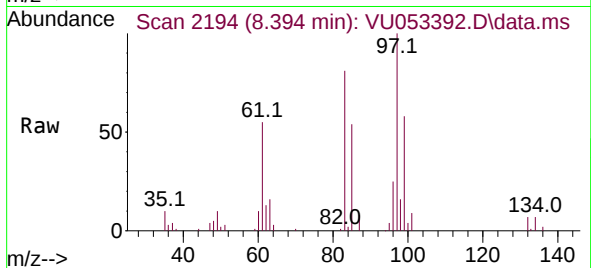




#45
1,1,2-Trichloroethane
Concen: 5.429 ug/L
RT: 8.394 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

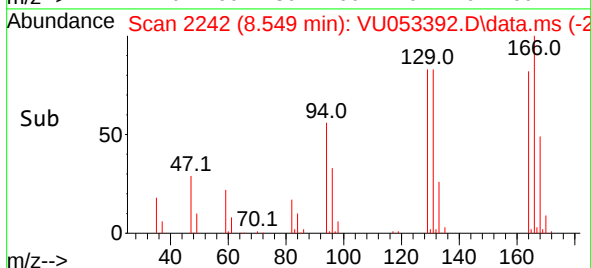
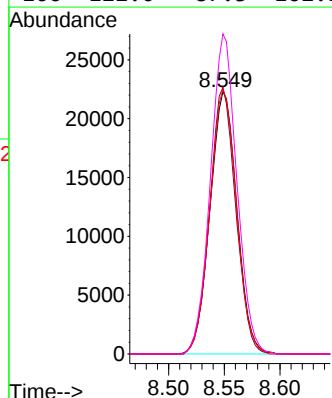
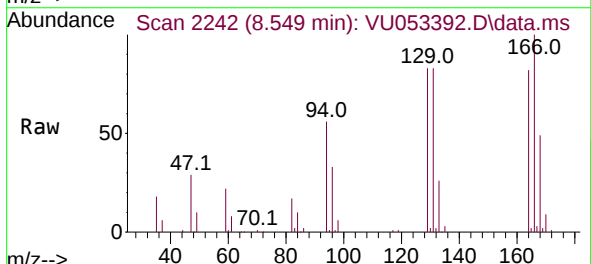
Instrument :
MSVOA_U
ClientSampleId :

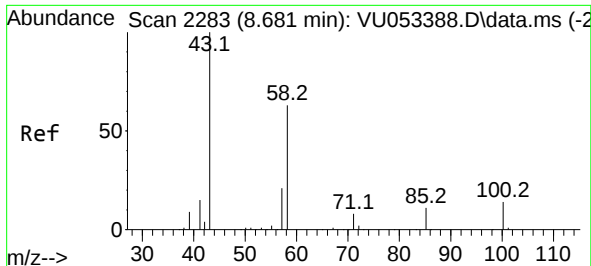
Tgt Ion:	97	Resp:	36103
Ion	Ratio	Lower	Upper
97	100		
99	58.3	38.9	72.2
83	81.2	57.6	107.0
85	53.8	36.2	67.2



#47
Tetrachloroethene
Concen: 5.389 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion:	164	Resp:	37403
Ion	Ratio	Lower	Upper
164	100		
129	101.7	74.8	138.8
131	101.0	70.1	130.1
166	122.0	87.3	162.1

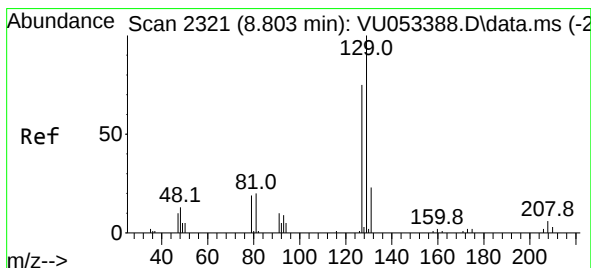
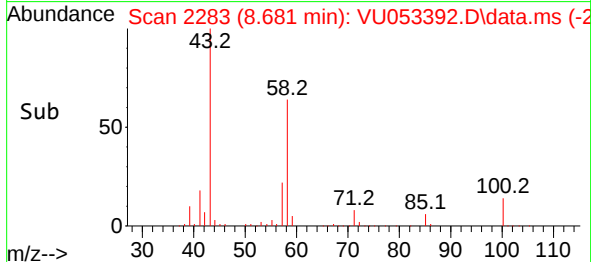
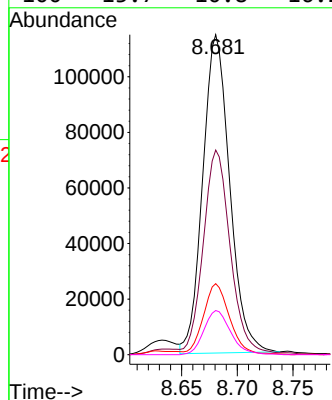
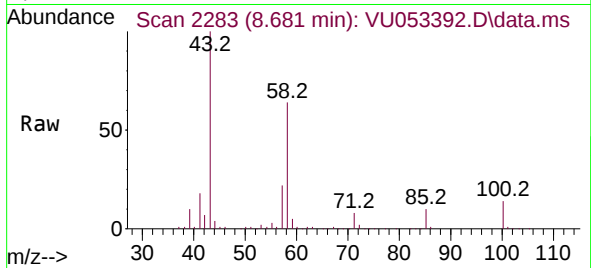




#48
2-Hexanone
Concen: 56.903 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

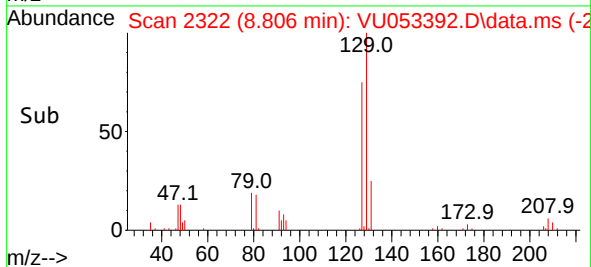
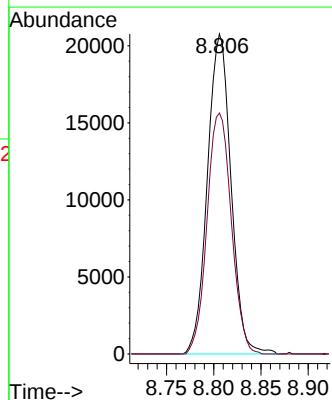
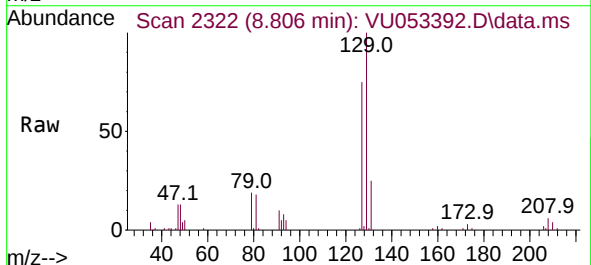
Instrument :
MSVOA_U
ClientSampleId :

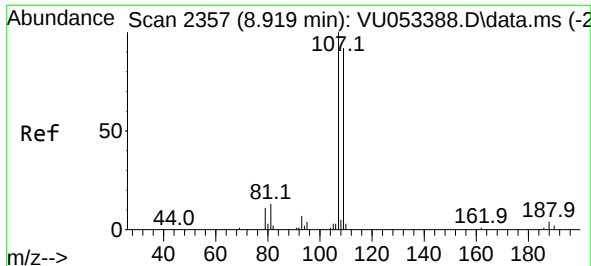
Tgt Ion: 43	Resp: 192839
Ion Ratio	Lower Upper
43 100	
58 64.8	52.8 79.2
57 21.8	17.1 25.7
100 13.7	10.8 16.2



#49
Dibromochloromethane
Concen: 5.478 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion:129	Resp: 36024		
Ion Ratio	Lower	Upper	
129 100			
127 75.3	52.2	97.0	

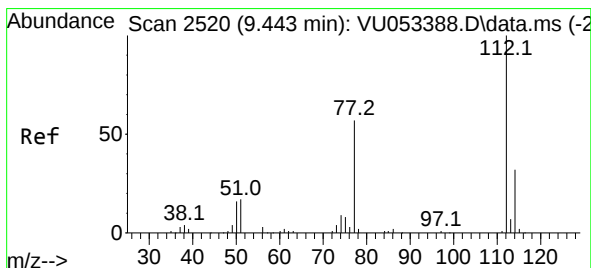
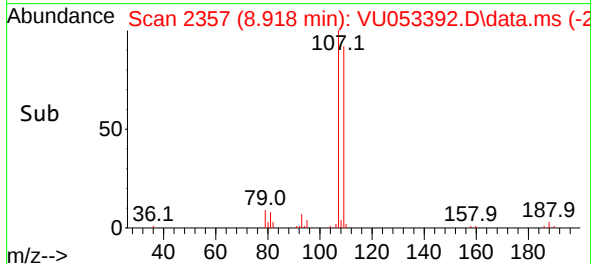
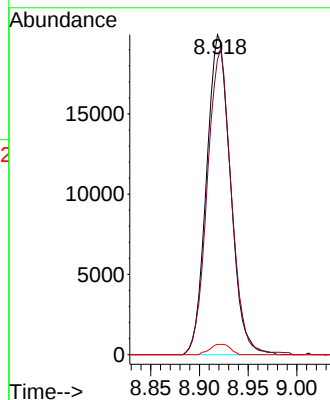
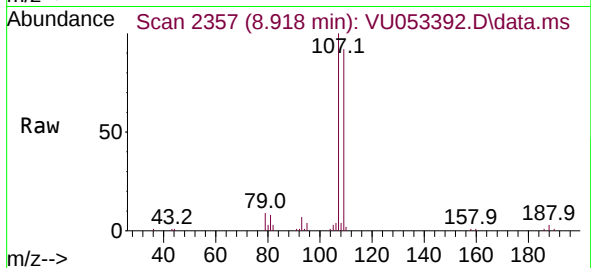




#50
1,2-Dibromoethane
Concen: 5.297 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

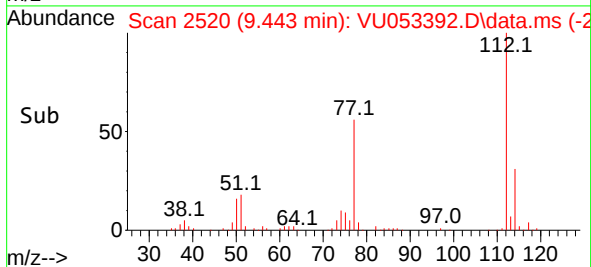
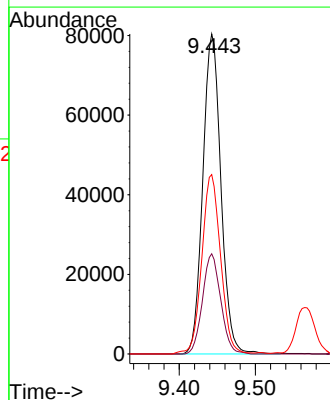
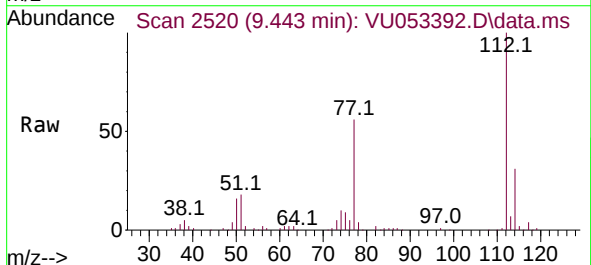
Instrument :
MSVOA_U
ClientSampleId :

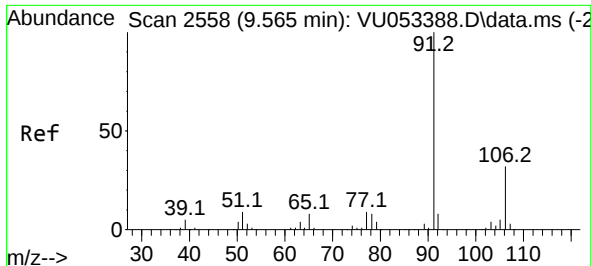
Tgt Ion:107 Resp: 34025
Ion Ratio Lower Upper
107 100
109 92.3 64.7 120.1
188 3.2 3.0 4.6



#51
Chlorobenzene
Concen: 5.447 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion:112 Resp: 133153
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 56.0 45.8 68.6





#52

Ethylbenzene

Concen: 5.413 ug/L

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

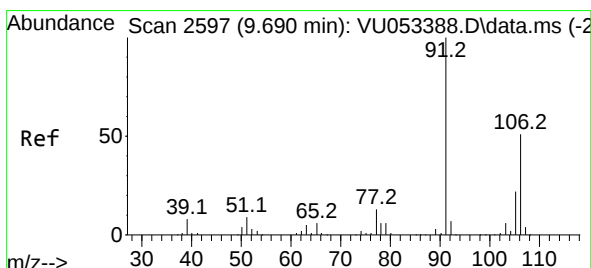
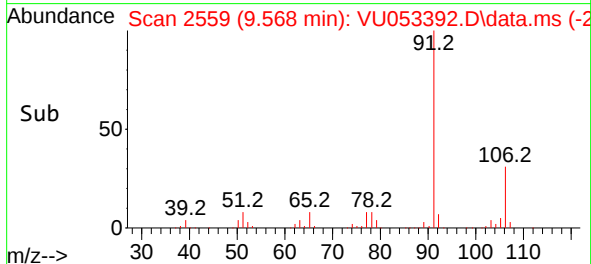
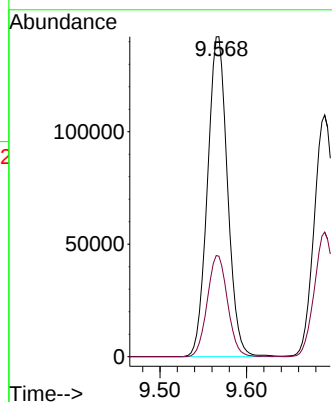
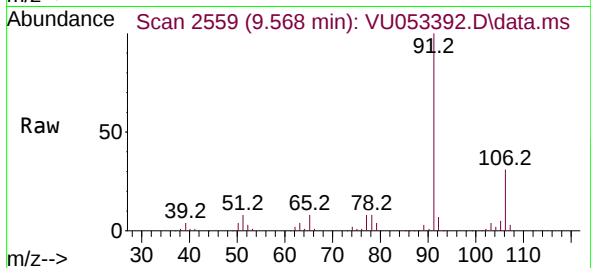
ClientSampleId :

Tgt Ion: 91 Resp: 228677

Ion Ratio Lower Upper

91 100

106 31.4 22.5 41.9



#53

m,p-Xylene

Concen: 5.674 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU053392.D

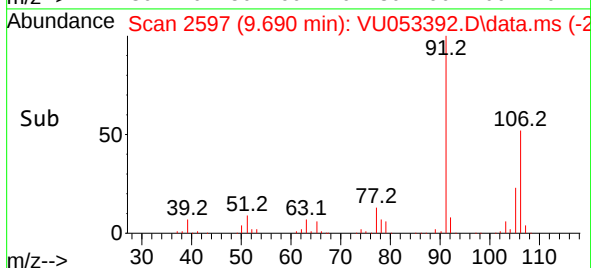
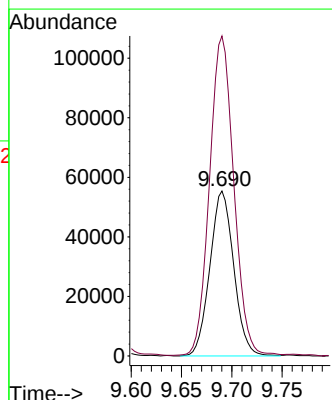
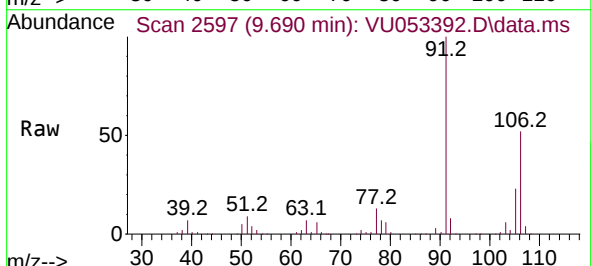
Acq: 24 Mar 2023 15:15

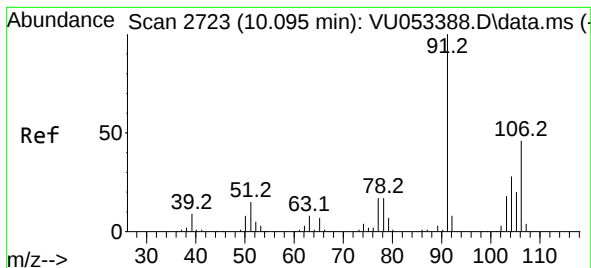
Tgt Ion:106 Resp: 91376

Ion Ratio Lower Upper

106 100

91 194.0 138.8 257.8





#54

o-Xylene

Concen: 5.591 ug/L

RT: 10.095 min Scan# 2723

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

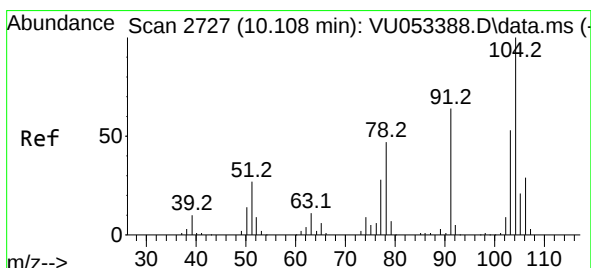
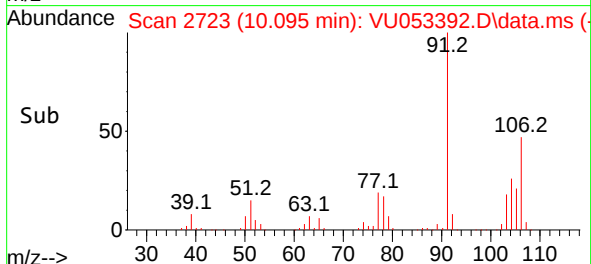
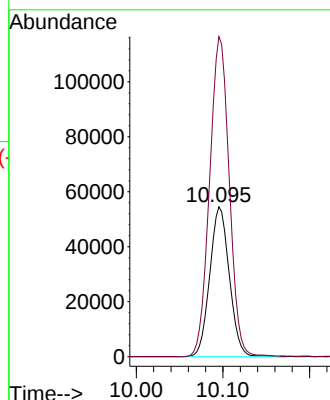
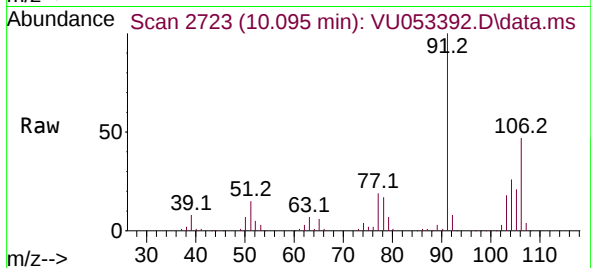
ClientSampleId :

Tgt Ion:106 Resp: 85426

Ion Ratio Lower Upper

106 100

91 213.4 150.8 280.0



#55

Styrene

Concen: 5.573 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.003 min

Lab File: VU053392.D

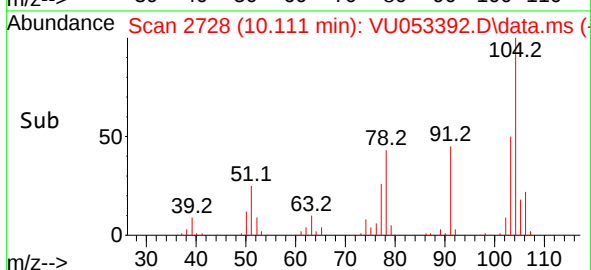
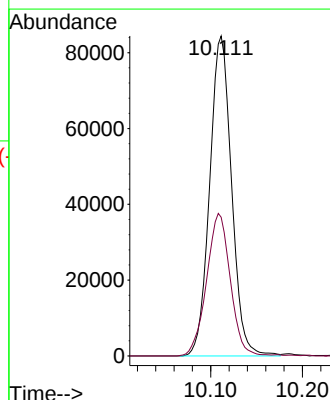
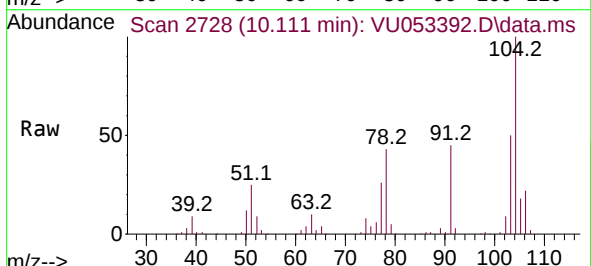
Acq: 24 Mar 2023 15:15

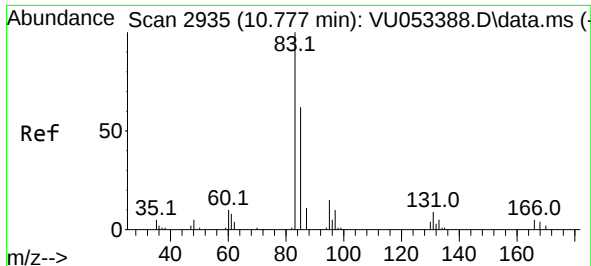
Tgt Ion:104 Resp: 139841

Ion Ratio Lower Upper

104 100

78 43.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.281 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

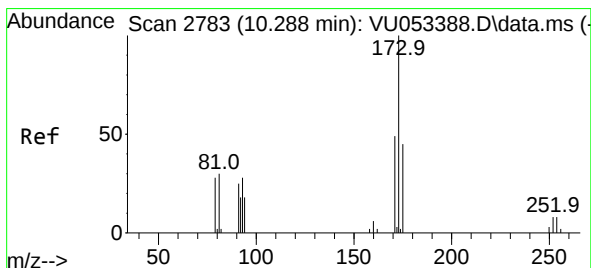
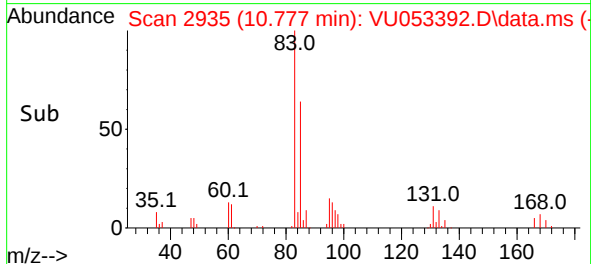
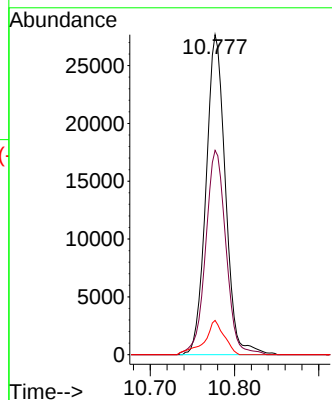
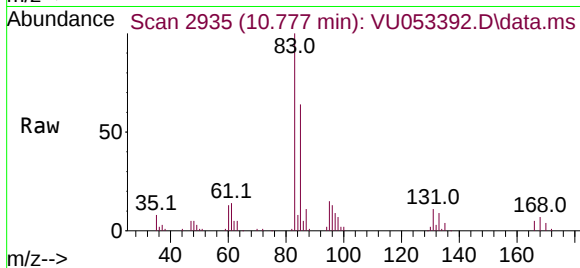
Tgt Ion: 83 Resp: 44351

Ion Ratio Lower Upper

83 100

85 63.9 43.8 81.4

131 10.7 7.2 10.8



#59

Bromoform

Concen: 5.108 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

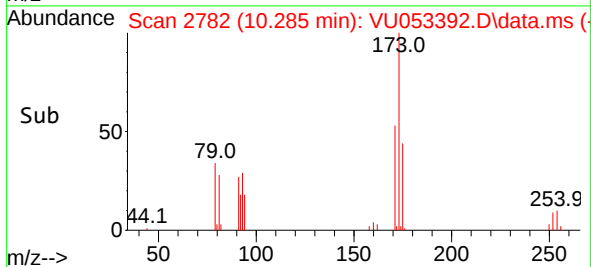
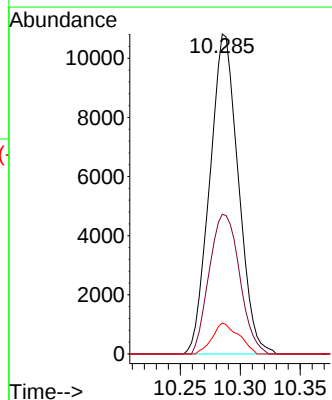
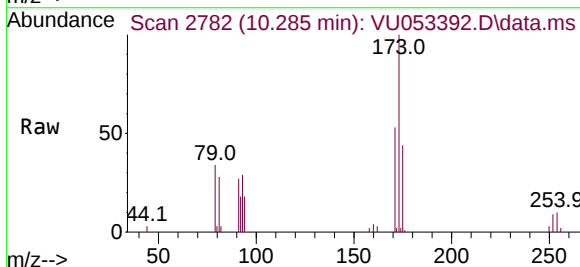
Tgt Ion:173 Resp: 17903

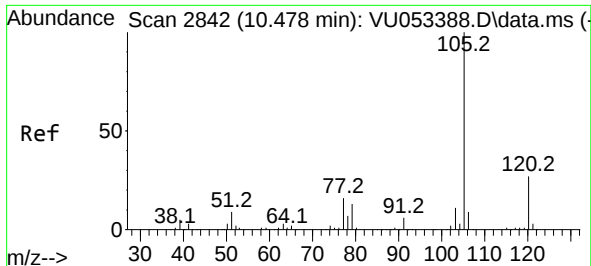
Ion Ratio Lower Upper

173 100

175 46.5 39.9 59.9

254 8.9 6.6 9.8

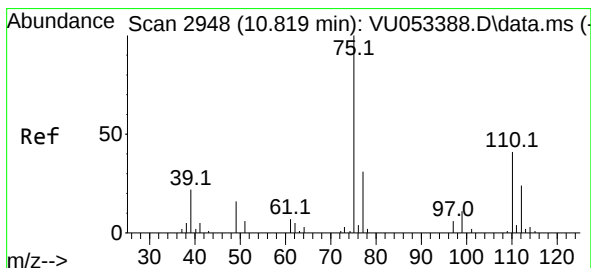
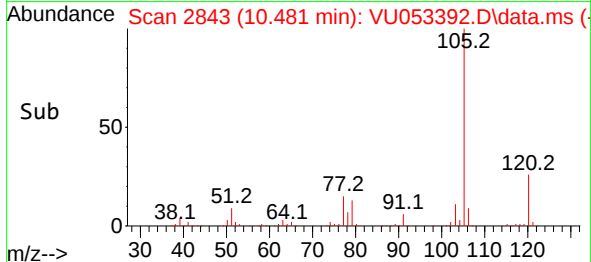
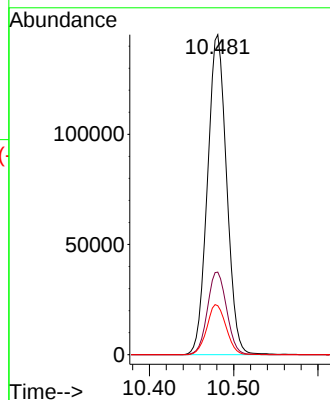
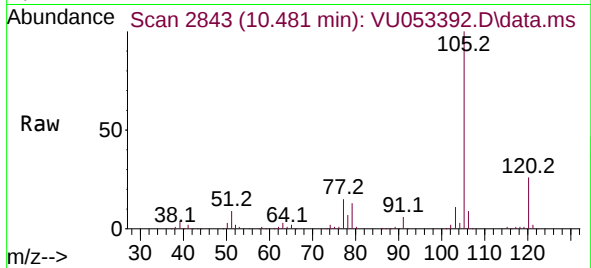




#60
Isopropylbenzene
Concen: 5.543 ug/L
RT: 10.481 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

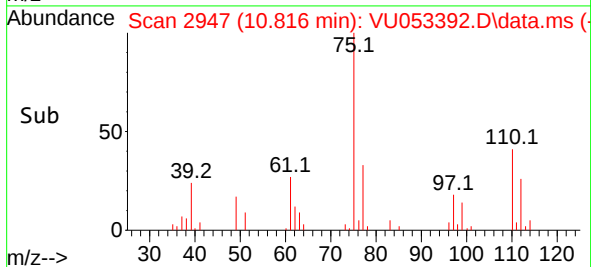
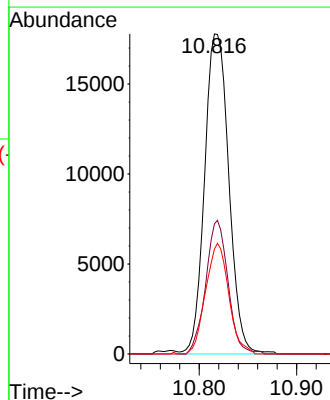
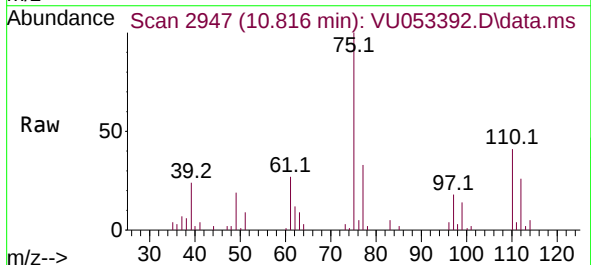
Instrument :
MSVOA_U
ClientSampleId :

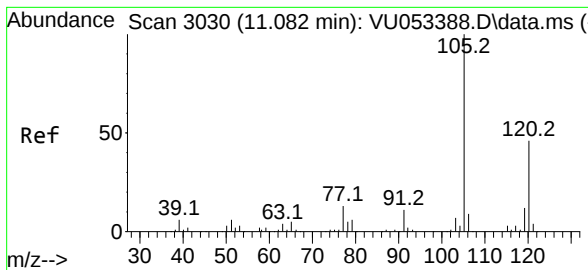
Tgt Ion:105 Resp: 229177
Ion Ratio Lower Upper
105 100
120 26.0 21.5 32.3
77 15.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.459 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. -0.003 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion: 75 Resp: 30788
Ion Ratio Lower Upper
75 100
110 38.2 30.6 46.0
77 32.9 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 5.588 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

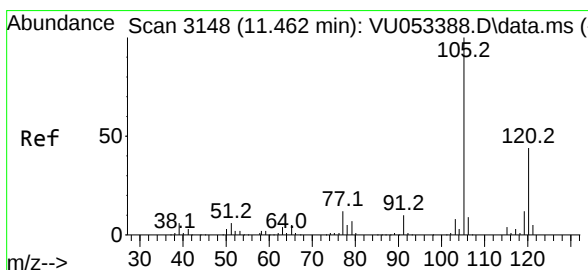
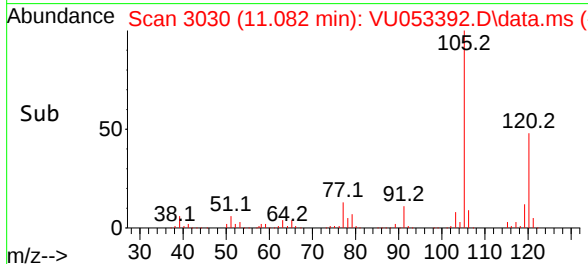
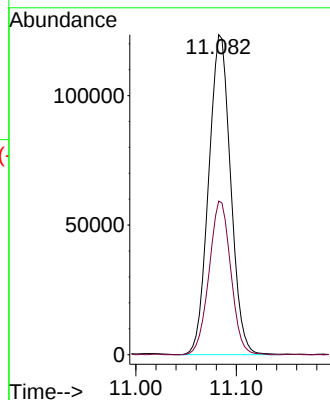
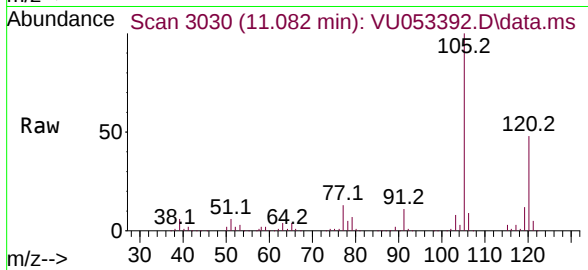
ClientSampleId :

Tgt Ion:105 Resp: 187473

Ion Ratio Lower Upper

105 100

120 47.4 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 5.602 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU053392.D

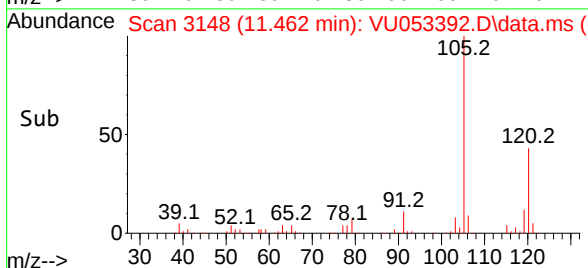
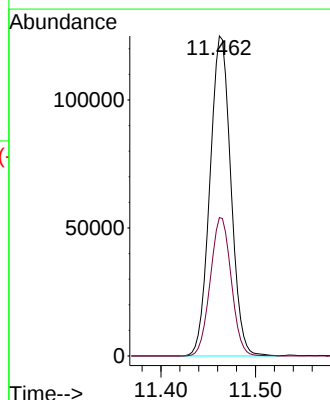
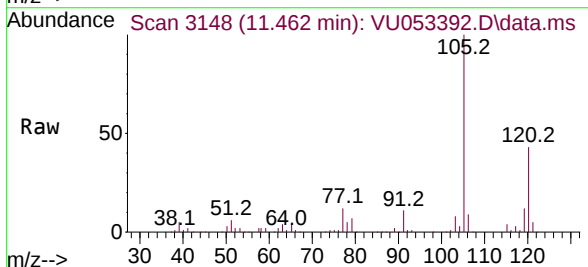
Acq: 24 Mar 2023 15:15

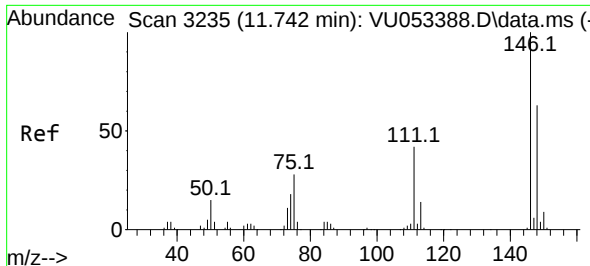
Tgt Ion:105 Resp: 192474

Ion Ratio Lower Upper

105 100

120 43.2 35.4 53.0

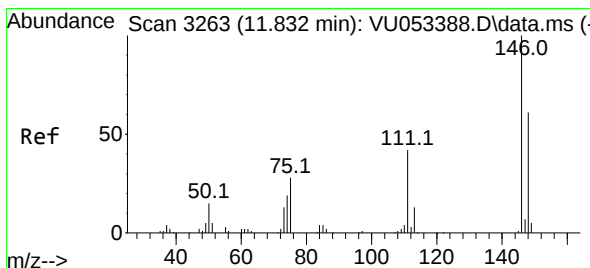
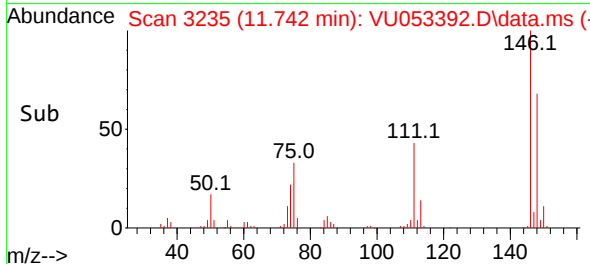
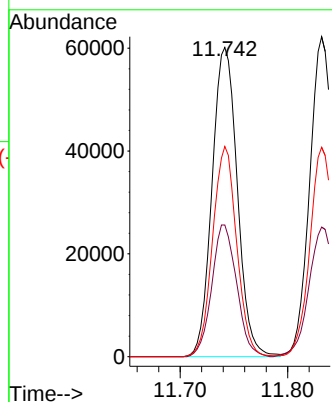
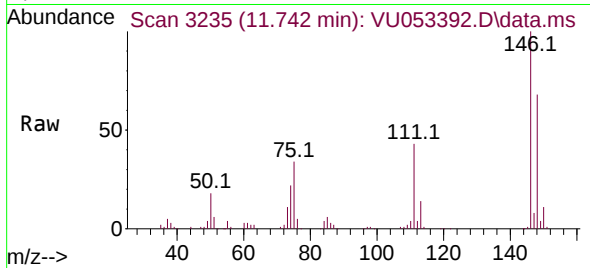




#64
1,3-Dichlorobenzene
Concen: 5.409 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

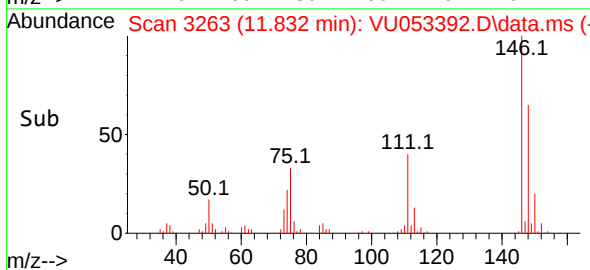
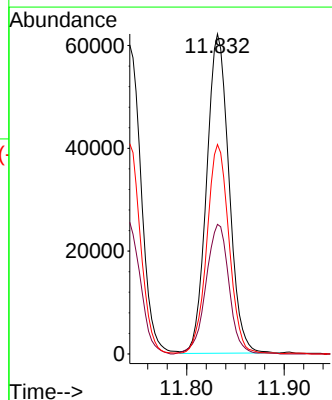
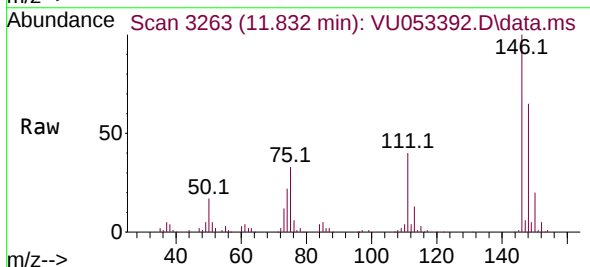
Instrument :
MSVOA_U
ClientSampleId :

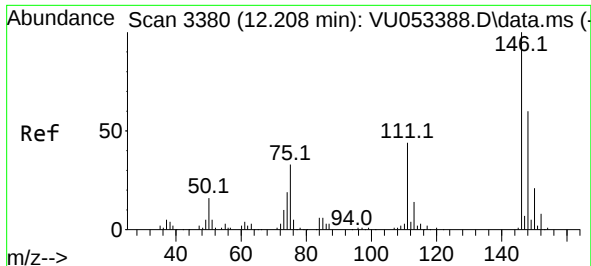
Tgt Ion:146 Resp: 98324
Ion Ratio Lower Upper
146 100
111 42.6 29.4 54.6
148 68.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion:146 Resp: 98809
Ion Ratio Lower Upper
146 100
111 40.5 29.8 55.4
148 65.5 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 5.423 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

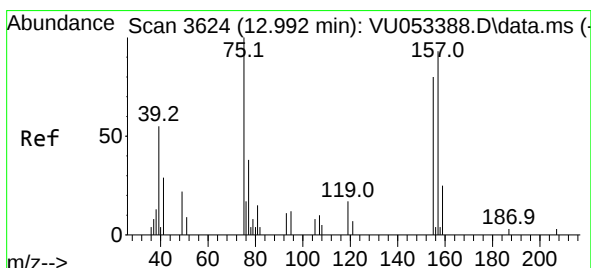
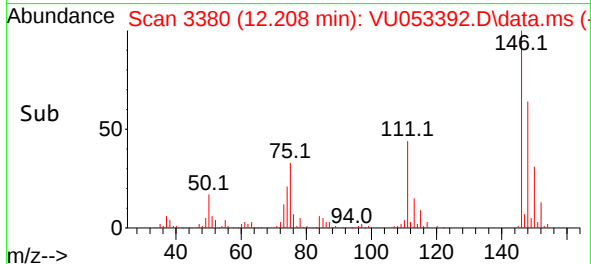
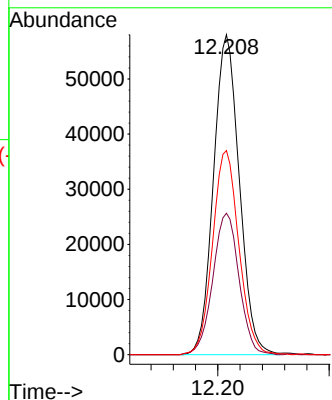
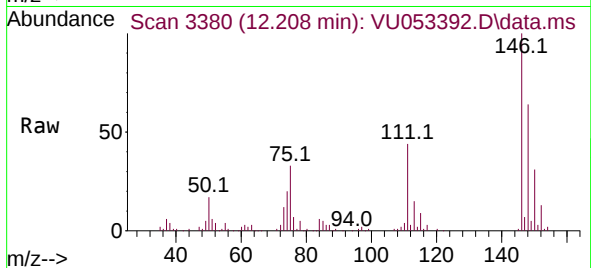
Tgt Ion:146 Resp: 93451

Ion Ratio Lower Upper

146 100

111 44.2 35.0 52.6

148 63.8 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.348 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053392.D

Acq: 24 Mar 2023 15:15

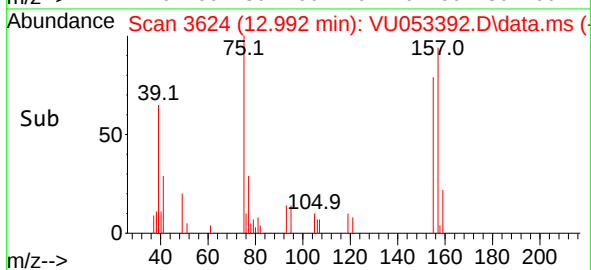
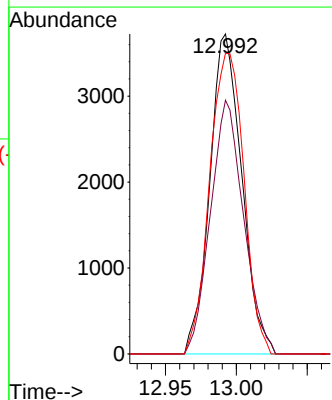
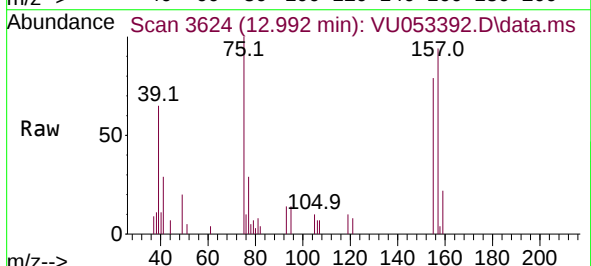
Tgt Ion: 75 Resp: 5848

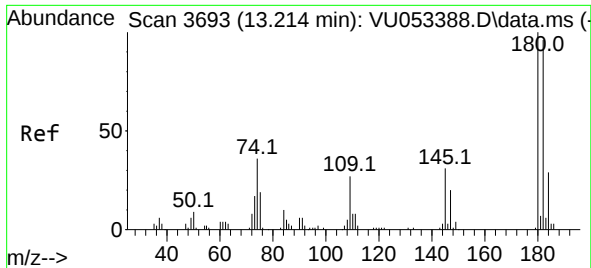
Ion Ratio Lower Upper

75 100

155 79.3 63.9 95.9

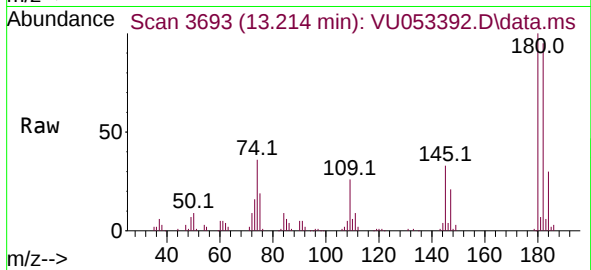
157 94.0 74.1 111.1



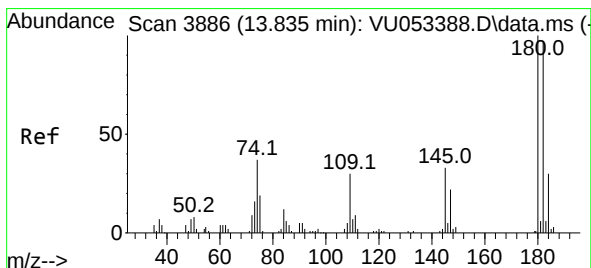
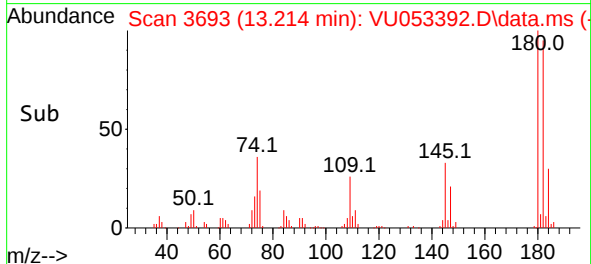
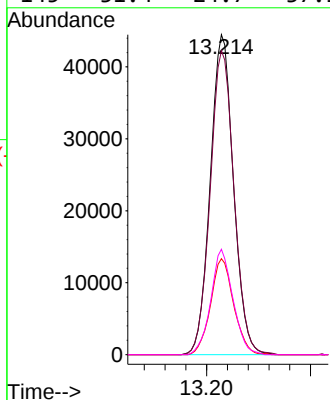


#69
 1,3,5-Trichlorobenzene
 Concen: 5.431 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.000 min
 Lab File: VU053392.D
 Acq: 24 Mar 2023 15:15

Instrument :
 MSVOA_U
 ClientSampleId :

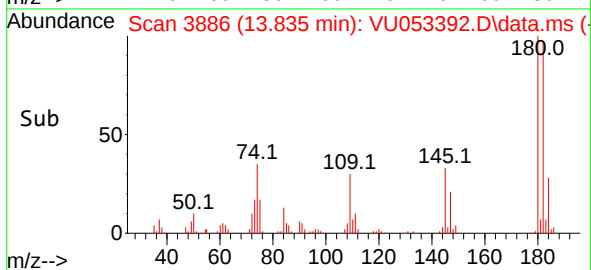
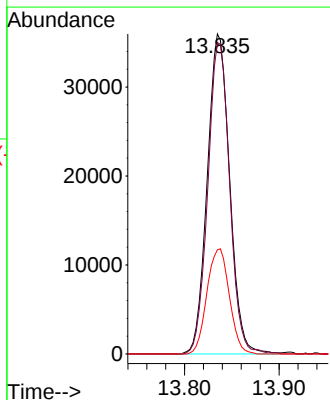
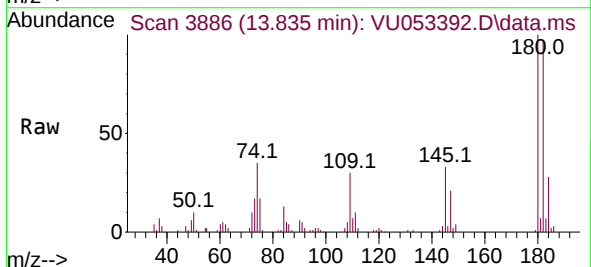


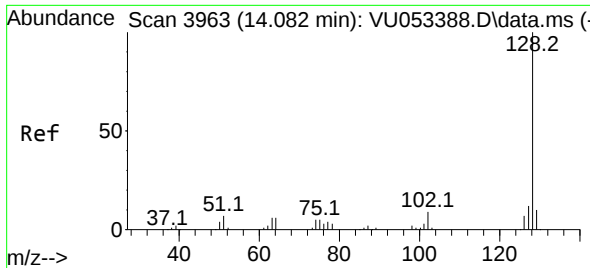
Tgt Ion:180 Resp: 68921
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.7 115.1
 184 29.8 24.1 36.1
 145 31.4 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.869 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU053392.D
 Acq: 24 Mar 2023 15:15

Tgt Ion:180 Resp: 59214
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.4 113.2
 145 32.8 25.8 38.8

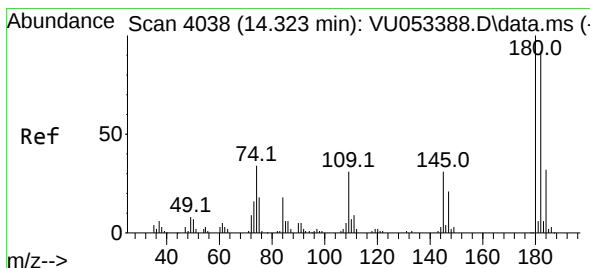
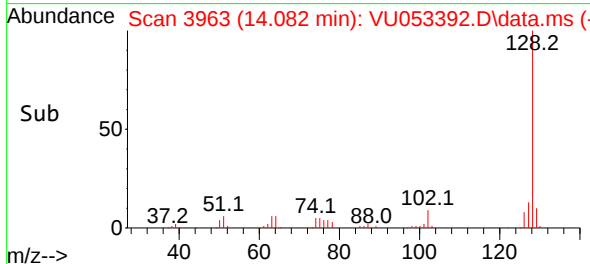
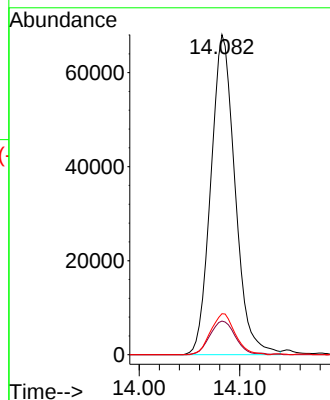
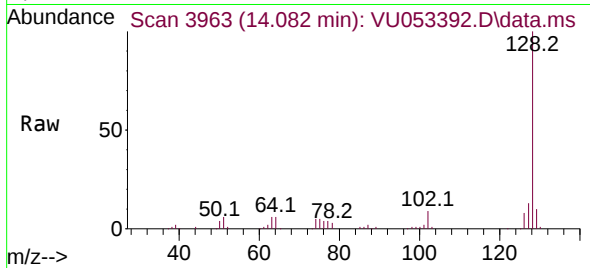




#71
Naphthalene
Concen: 6.000 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 114046
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.094 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053392.D
Acq: 24 Mar 2023 15:15

Tgt Ion:180 Resp: 53666
Ion Ratio Lower Upper
180 100
182 94.5 74.8 112.2
145 33.7 26.3 39.5

