

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053411.D
 Acq On : 24 Mar 2023 23:37
 Operator : JC/MD
 Sample : 02053-08MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF73MS

Quant Time: Mar 25 00:44:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	140402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	70349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44863	4.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.916	69	43034	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.565	65	19224	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.636	46	118398	53.508	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	5.057	84	93193	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.697	65	46727	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.723	84	184409	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.687	67	56567	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.893	98	173328	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.176	79	21352	4.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.629	63	93022	50.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51126	5.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	63464	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46585	4.624	ug/L	98
3) Chloromethane	1.520	50	50945	5.026	ug/L	99
5) Vinyl chloride	1.604	62	54430	4.762	ug/L	97
6) Bromomethane	1.858	94	32871	4.541	ug/L	97
8) Chloroethane	1.935	64	33268	5.008	ug/L	98
9) Trichlorofluoromethane	2.137	101	76530	4.434	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40410	4.620	ug/L	99
12) 1,1-Dichloroethene	2.578	96	37822	4.758	ug/L	93
13) Acetone	2.652	43	57571	43.843	ug/L #	48
14) Carbon disulfide	2.793	76	110973	4.757	ug/L	97
15) Methyl Acetate	2.957	43	15723	5.104	ug/L	94
16) Methylene chloride	3.044	84	43385	4.156	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	96879	5.027	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	39012	4.725	ug/L	97
19) 1,1-Dichloroethane	3.864	63	76165	5.007	ug/L	98
21) 2-Butanone	4.713	43	92369	45.302	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	48307	4.342	ug/L	96
23) Bromochloromethane	4.970	128	20072	5.098	ug/L	98
25) Chloroform	5.083	83	78247	5.001	ug/L	99

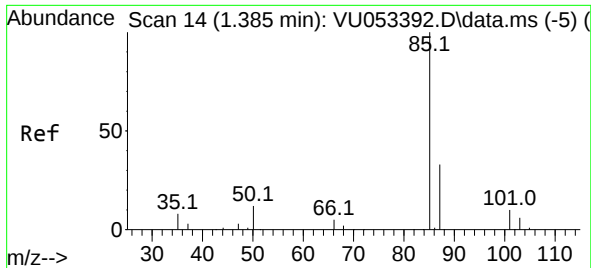
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	50224	5.124	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	66151	4.911	ug/L	99
30) Cyclohexane	5.385	56	65400	4.557	ug/L	100
31) Carbon tetrachloride	5.523	117	53906	4.730	ug/L	99
33) Benzene	5.771	78	174104	4.763	ug/L	100
34) Trichloroethene	6.539	95	45609	4.685	ug/L	95
35) Methylcyclohexane	6.758	83	70193	4.202	ug/L	95
37) 1,2-Dichloropropane	6.787	63	45939	4.759	ug/L	100
38) Bromodichloromethane	7.102	83	53252	4.968	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	67613	4.742	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	233372	49.409	ug/L	98
42) Toluene	7.964	91	192469	4.819	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	53057	4.573	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	33285	4.857	ug/L	92
47) Tetrachloroethene	8.549	164	31679	4.429	ug/L	95
48) 2-Hexanone	8.681	43	171663	49.153	ug/L	97
49) Dibromochloromethane	8.806	129	33329	4.918	ug/L	94
50) 1,2-Dibromoethane	8.919	107	31790	4.803	ug/L #	92
51) Chlorobenzene	9.443	112	124815	4.954	ug/L	98
52) Ethylbenzene	9.565	91	210477	4.834	ug/L	95
53) m,p-Xylene	9.690	106	81657	4.920	ug/L	100
54) o-Xylene	10.095	106	79028	5.018	ug/L	99
55) Styrene	10.108	104	127339	4.925	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	41863	4.837	ug/L	94
59) Bromoform	10.288	173	16456	4.543	ug/L	98
60) Isopropylbenzene	10.478	105	208280	4.874	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	29239	5.016	ug/L	97
62) 1,3,5-Trimethylbenzene	11.082	105	166431	4.800	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	171542	4.831	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	91381	4.864	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	93847	4.975	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	85308	4.790	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5466	4.836	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.214	180	58419	4.454	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	47830	4.587	ug/L	96
71) Naphthalene	14.082	128	95293	4.851	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	43033	4.728	ug/L	95

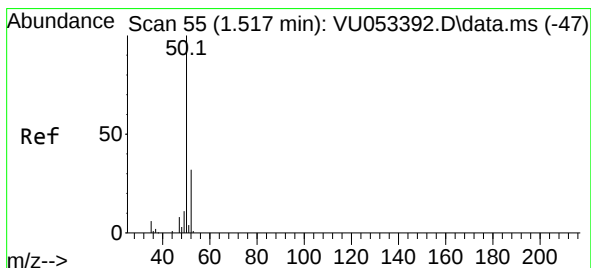
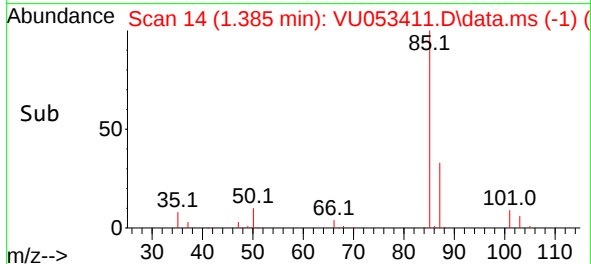
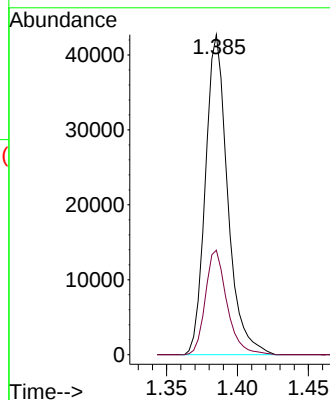
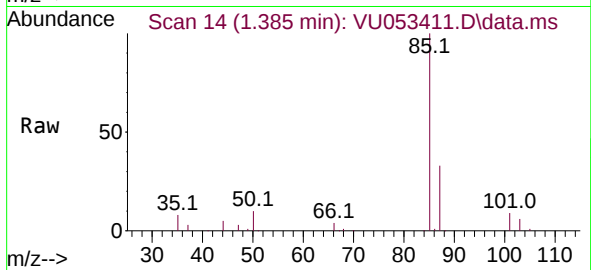
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#2
Dichlorodifluoromethane
Concen: 4.624 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

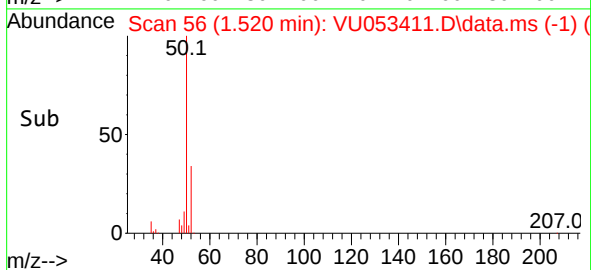
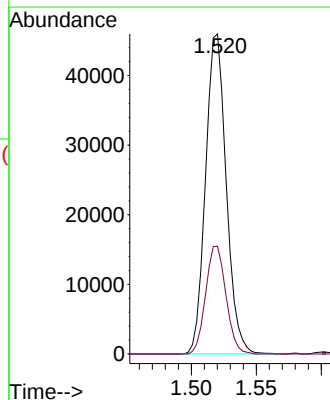
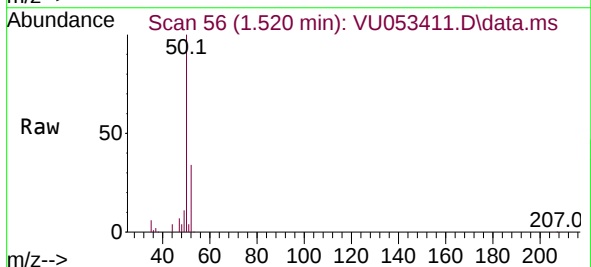
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

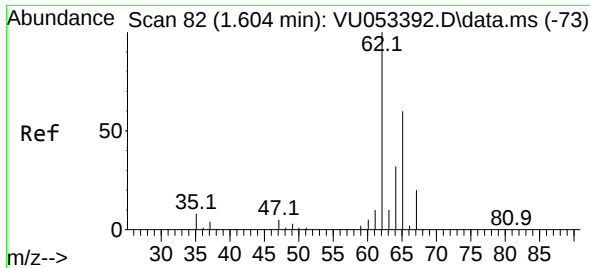
Tgt Ion: 85 Resp: 46585
Ion Ratio Lower Upper
85 100
87 31.7 26.1 39.1



#3
Chloromethane
Concen: 5.026 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 50 Resp: 50945
Ion Ratio Lower Upper
50 100
52 33.6 23.9 44.3

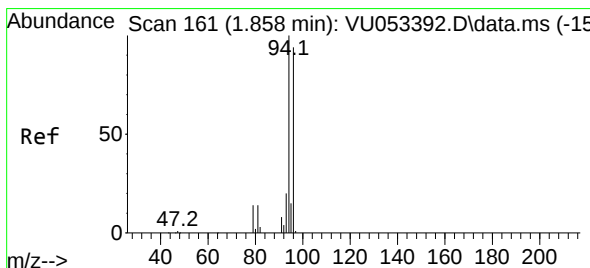
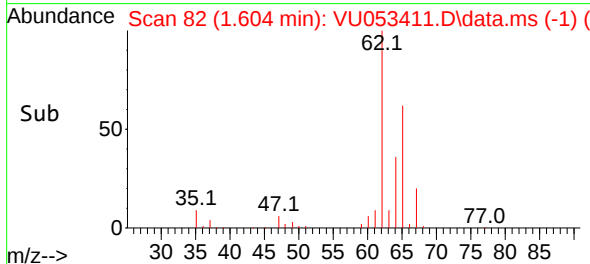
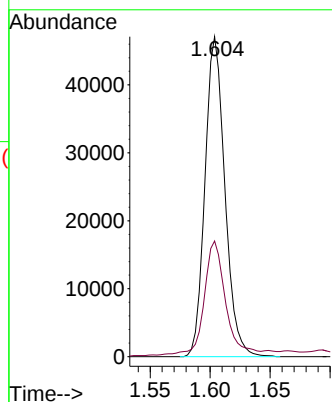
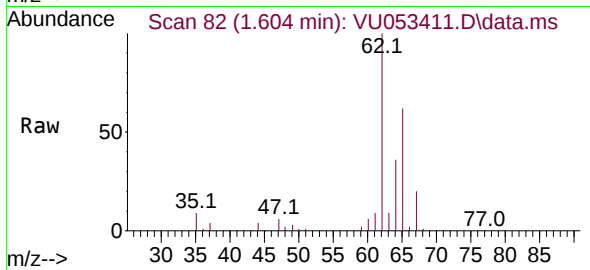




#5
 Vinyl chloride
 Concen: 4.762 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

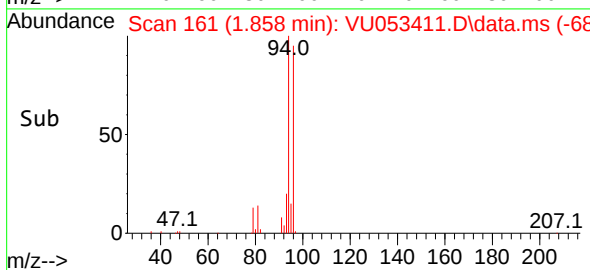
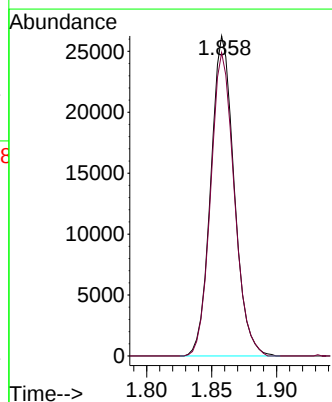
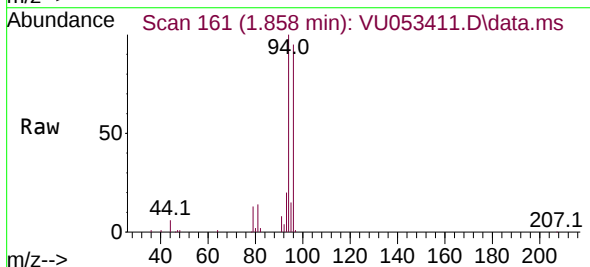
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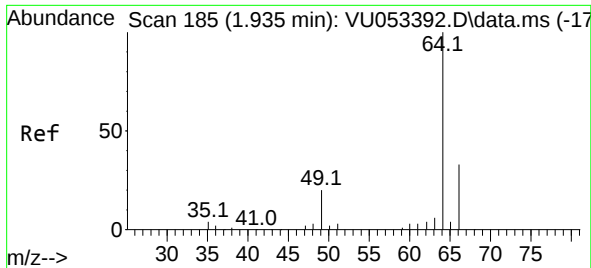
Tgt Ion: 62 Resp: 54430
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.1 44.7



#6
 Bromomethane
 Concen: 4.541 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

Tgt Ion: 94 Resp: 32871
 Ion Ratio Lower Upper
 94 100
 96 94.7 68.3 126.8

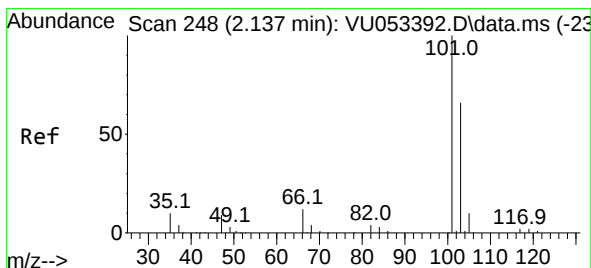
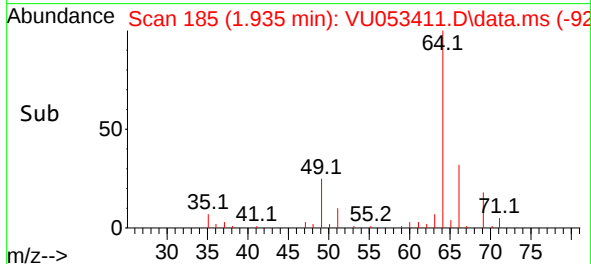
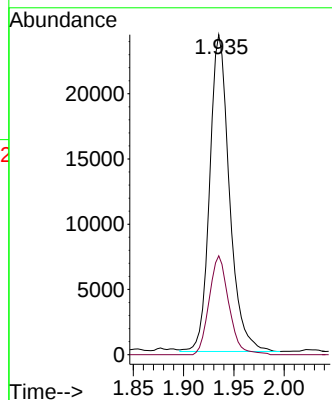
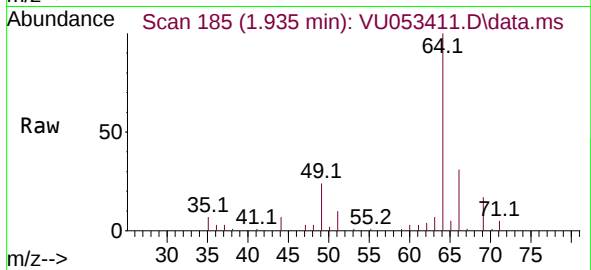




#8
Chloroethane
Concen: 5.008 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

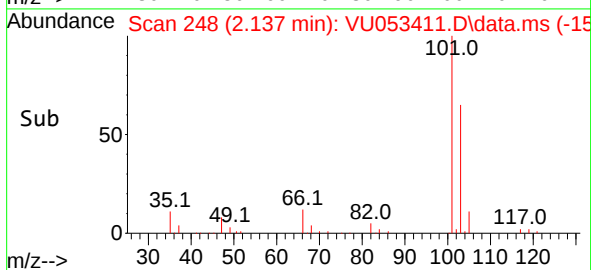
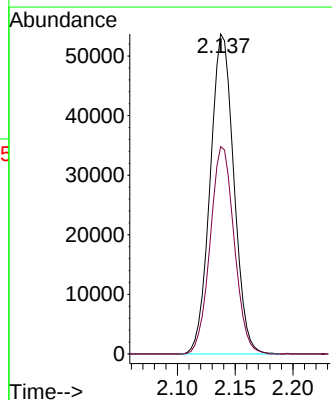
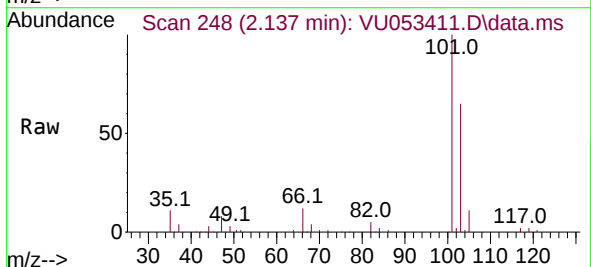
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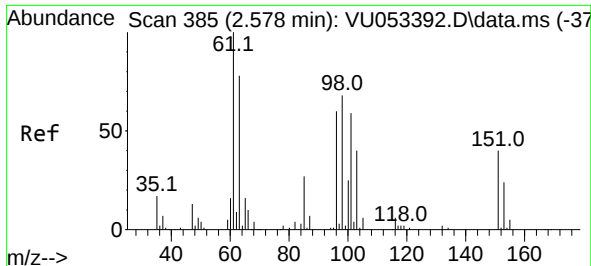
Tgt Ion: 64 Resp: 33268
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.434 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion:101 Resp: 76530
Ion Ratio Lower Upper
101 100
103 65.7 50.2 75.2

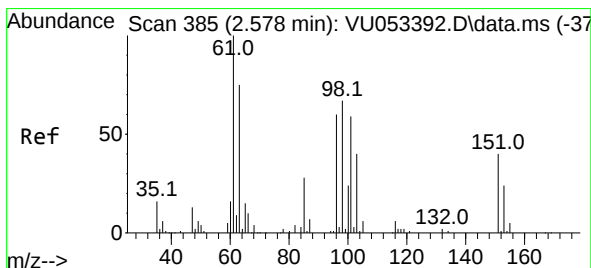
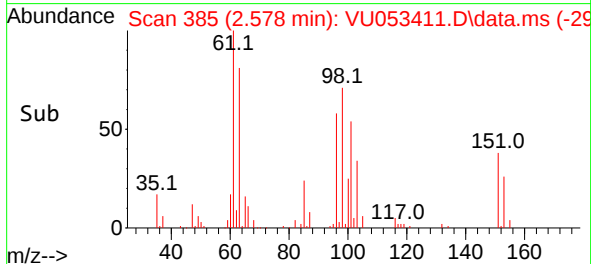
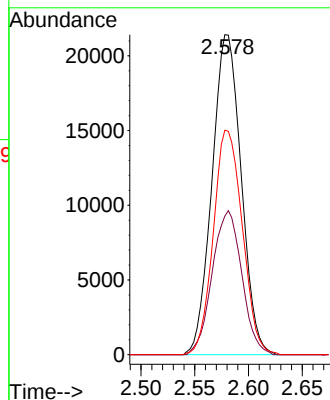
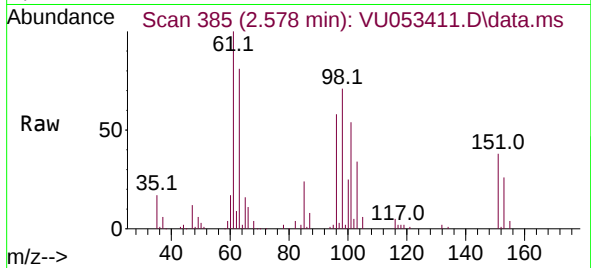




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.620 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

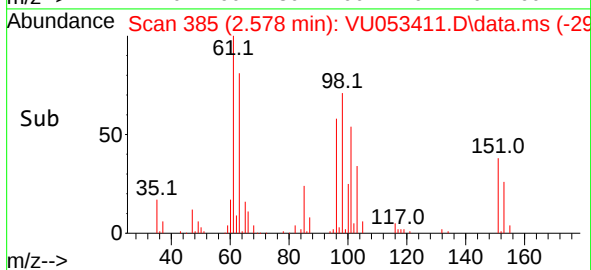
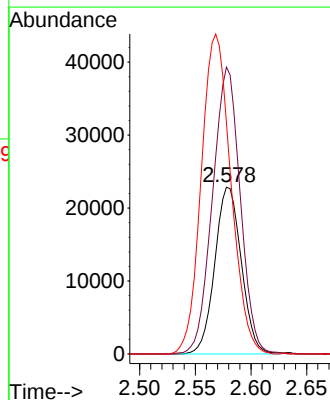
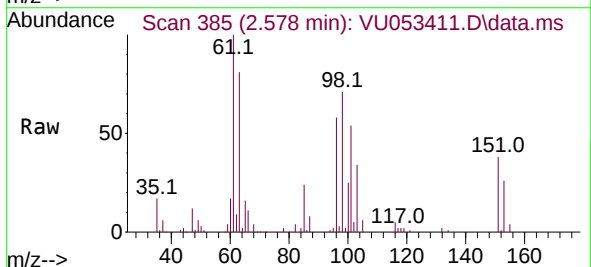
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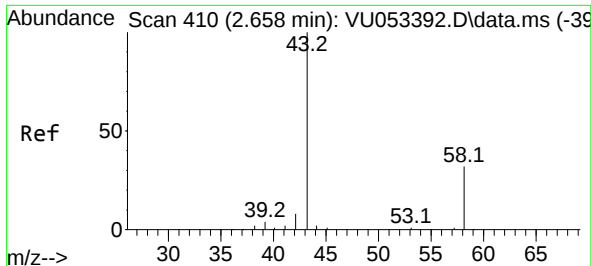
Tgt Ion:101 Resp: 40410
 Ion Ratio Lower Upper
 101 100
 85 45.6 37.0 55.4
 151 70.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.758 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

Tgt Ion: 96 Resp: 37822
 Ion Ratio Lower Upper
 96 100
 61 172.0 116.8 216.8
 63 138.7 88.6 164.6





#13

Acetone

Concen: 43.843 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.006 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

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ClientSampleId :

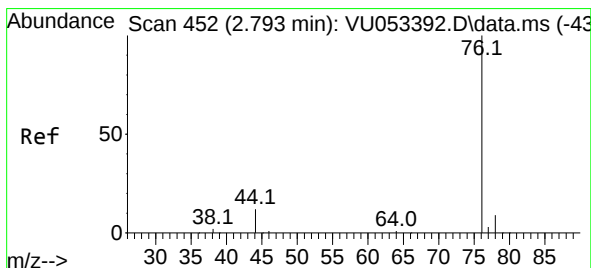
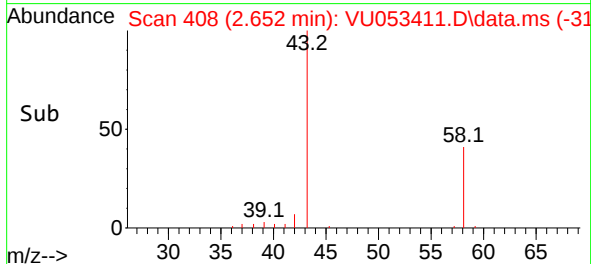
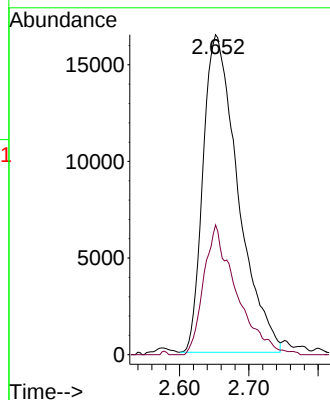
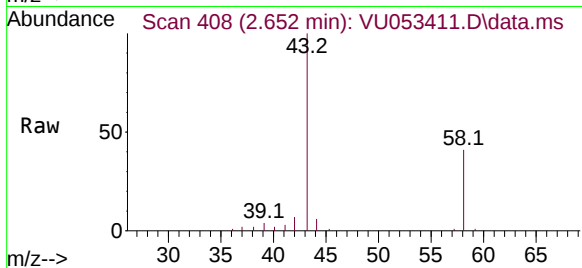
EYF73MS

Tgt Ion: 43 Resp: 57571

Ion Ratio Lower Upper

43 100

58 38.2 0.0 32.2#



#14

Carbon disulfide

Concen: 4.757 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU053411.D

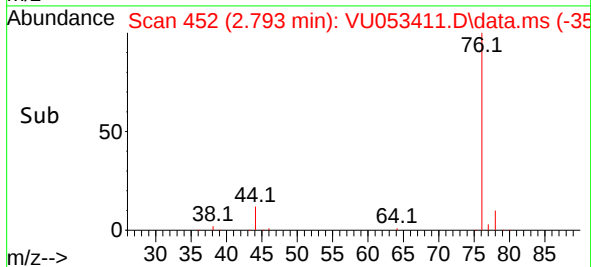
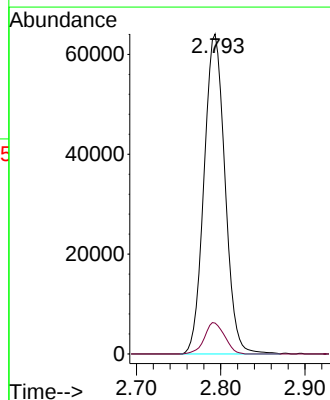
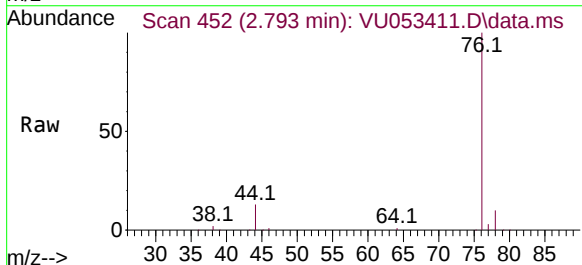
Acq: 24 Mar 2023 23:37

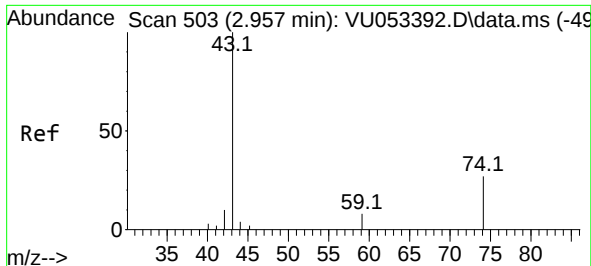
Tgt Ion: 76 Resp: 110973

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

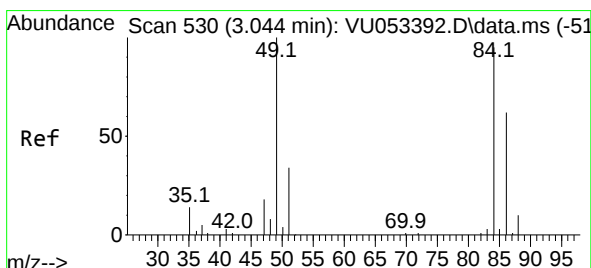
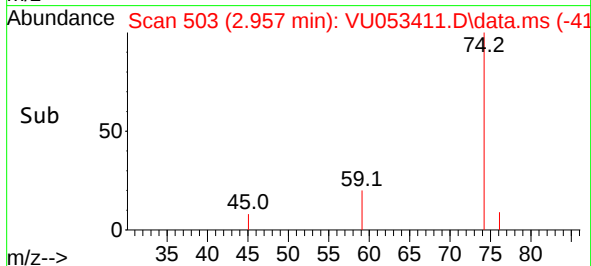
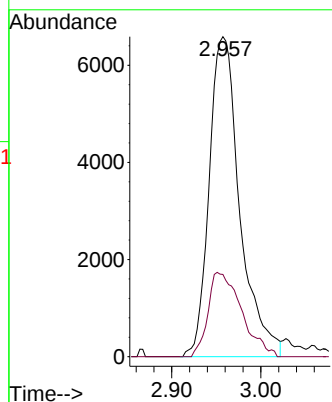
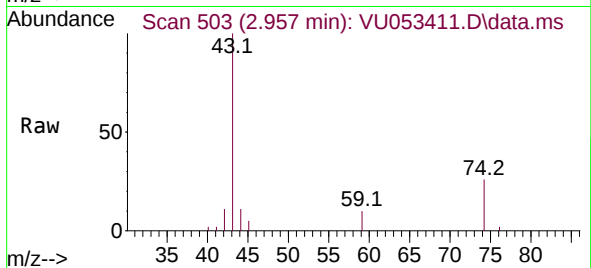




#15
Methyl Acetate
Concen: 5.104 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

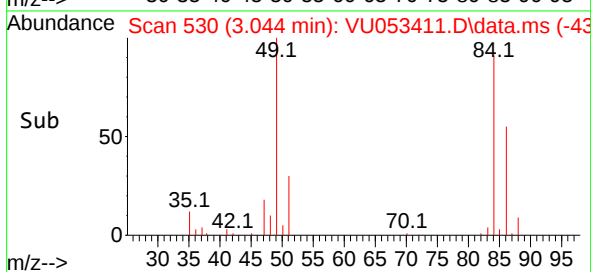
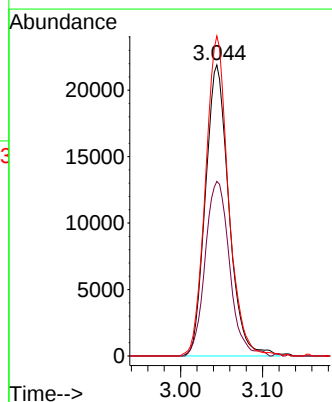
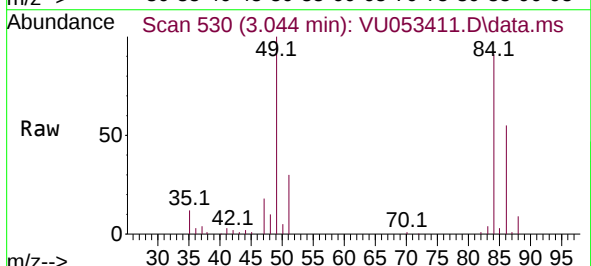
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

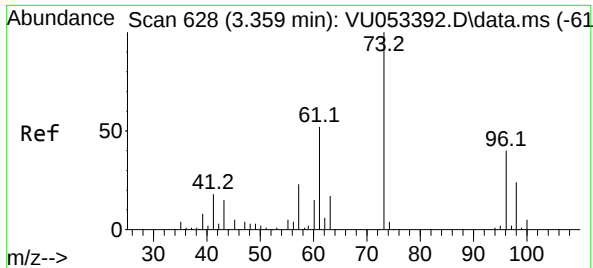
Tgt Ion: 43 Resp: 15723
Ion Ratio Lower Upper
43 100
74 28.8 20.8 31.2



#16
Methylene chloride
Concen: 4.156 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 84 Resp: 43385
Ion Ratio Lower Upper
84 100
86 60.0 44.7 83.1
49 110.0 75.5 140.1

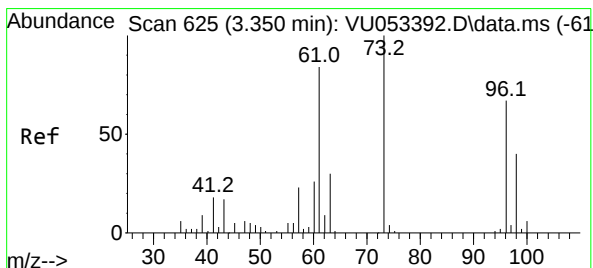
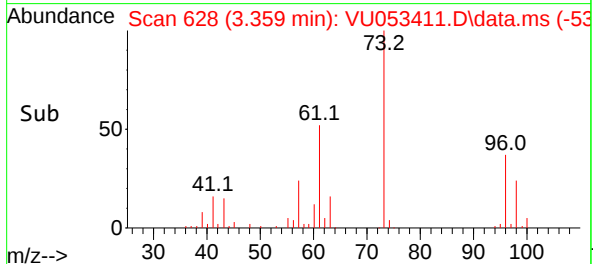
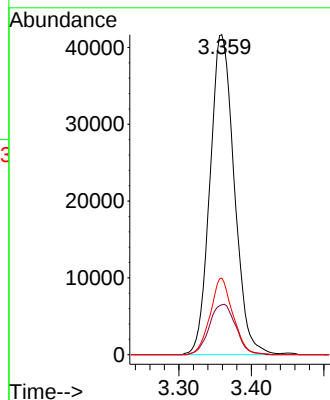
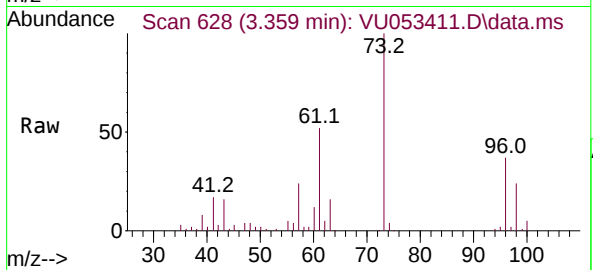




#17
Methyl tert-butyl Ether
Concen: 5.027 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

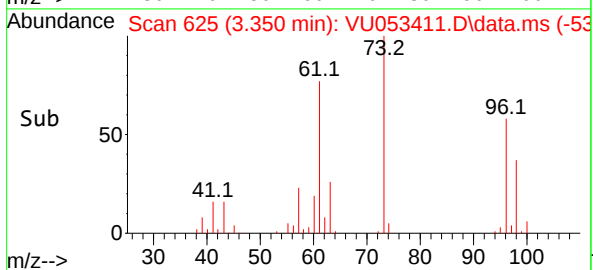
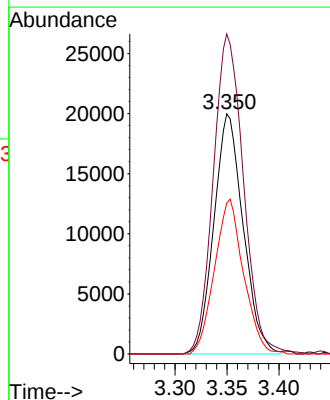
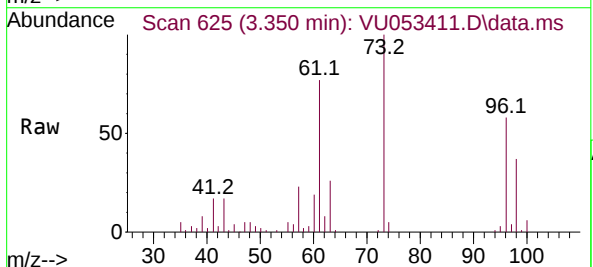
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

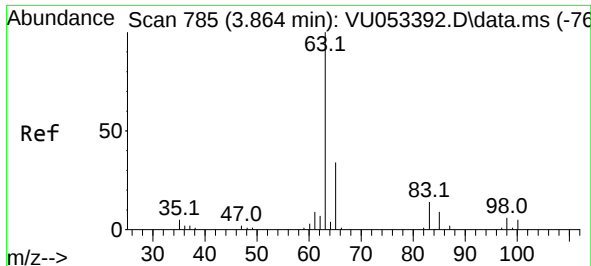
Tgt Ion: 73 Resp: 96879
Ion Ratio Lower Upper
73 100
43 17.1 13.9 20.9
57 22.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.725 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 96 Resp: 39012
Ion Ratio Lower Upper
96 100
61 133.2 95.5 177.3
98 62.9 42.2 78.4

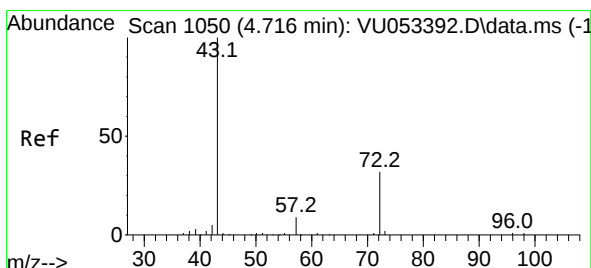
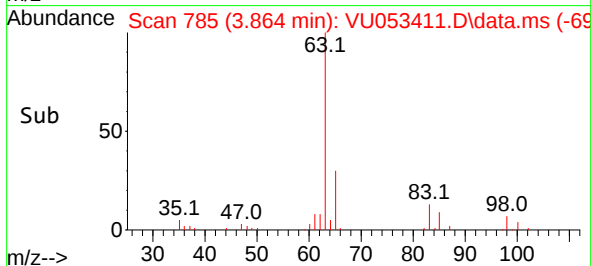
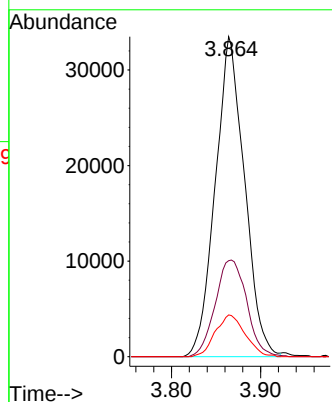
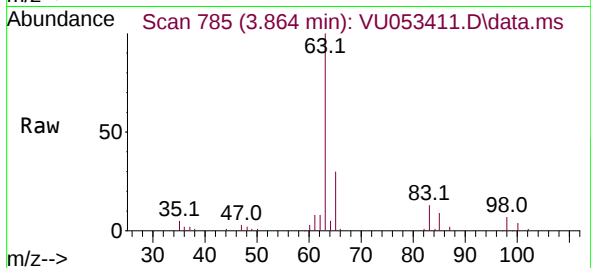




#19
1,1-Dichloroethane
Concen: 5.007 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

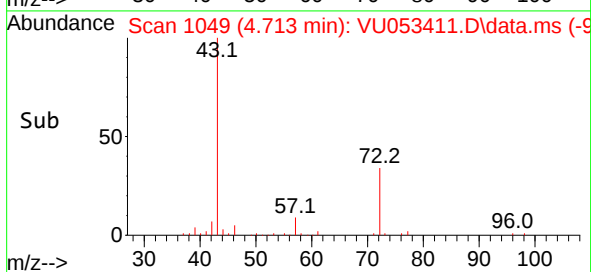
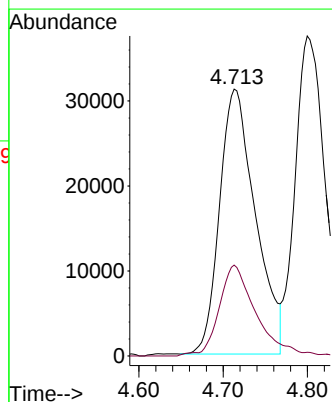
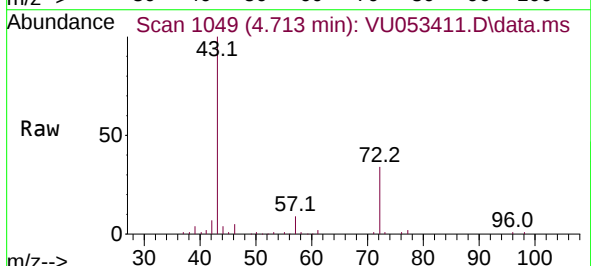
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

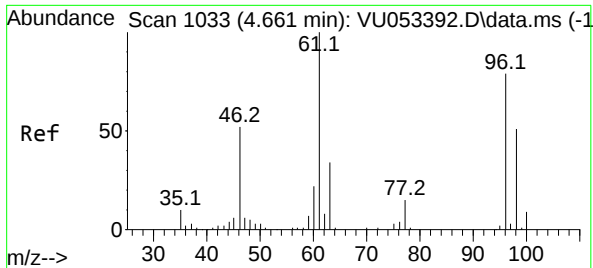
Tgt Ion: 63 Resp: 76165
Ion Ratio Lower Upper
63 100
65 30.0 21.7 40.3
83 13.1 8.1 15.1



#21
2-Butanone
Concen: 45.302 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 43 Resp: 92369
Ion Ratio Lower Upper
43 100
72 34.6 16.2 48.6

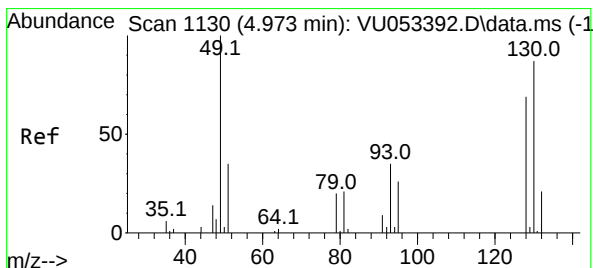
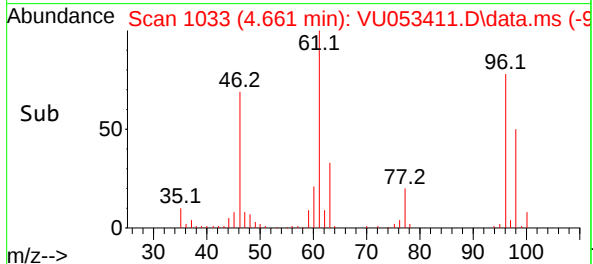
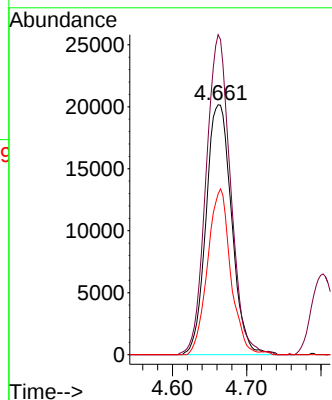
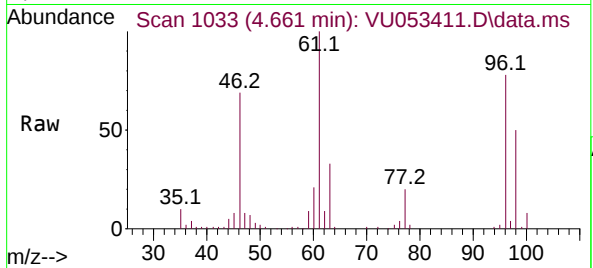




#22
 cis-1,2-Dichloroethene
 Concen: 4.342 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

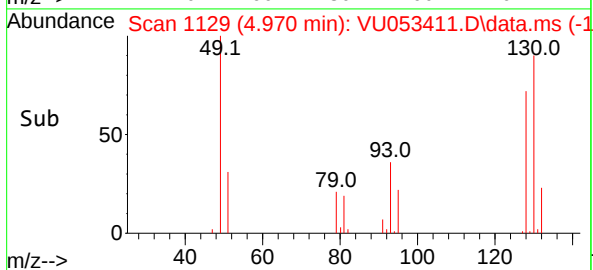
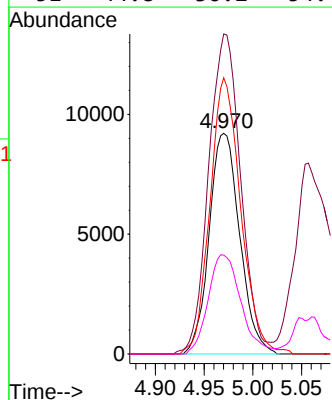
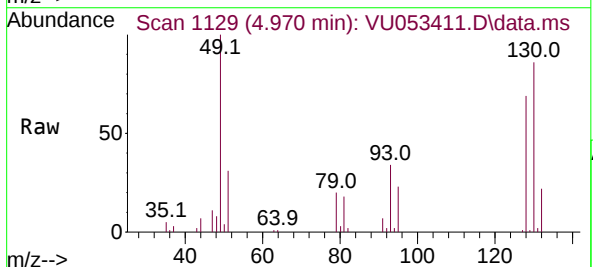
Instrument :
 MSVOA_U
 ClientSampleId :
 EYF73MS

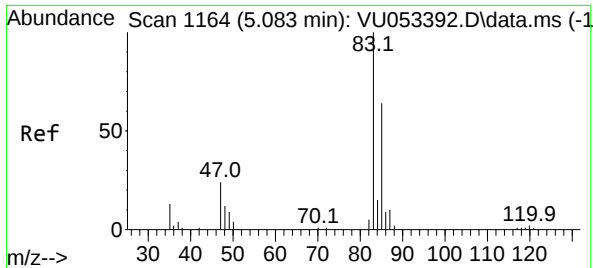
Tgt Ion: 96 Resp: 48307
 Ion Ratio Lower Upper
 96 100
 61 128.0 86.6 160.8
 98 64.3 47.7 88.5



#23
 Bromochloromethane
 Concen: 5.098 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

Tgt Ion:128 Resp: 20072
 Ion Ratio Lower Upper
 128 100
 49 145.0 102.8 190.8
 130 125.1 85.1 158.1
 51 44.8 36.2 54.4





#25

Chloroform

Concen: 5.001 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

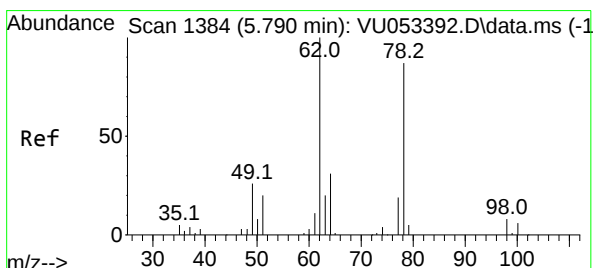
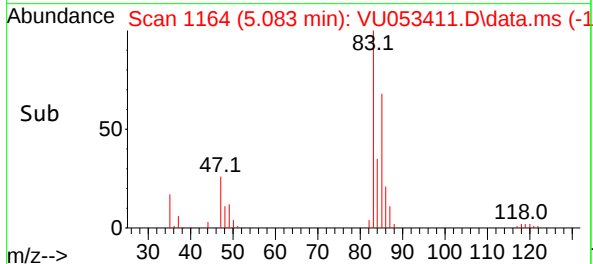
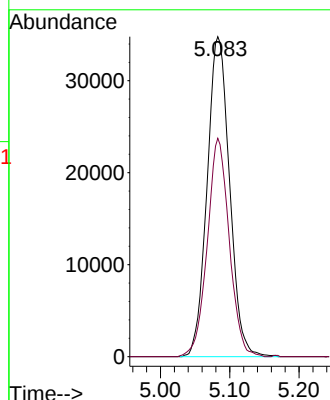
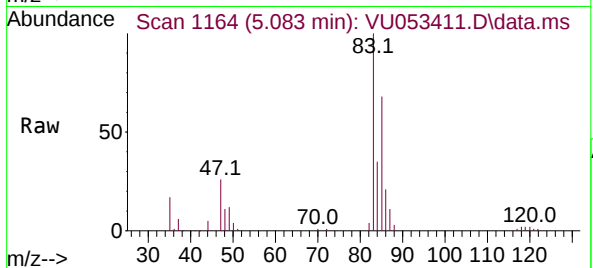
EYF73MS

Tgt Ion: 83 Resp: 78247

Ion Ratio Lower Upper

83 100

85 68.3 47.3 87.9



#27

1,2-Dichloroethane

Concen: 5.124 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU053411.D

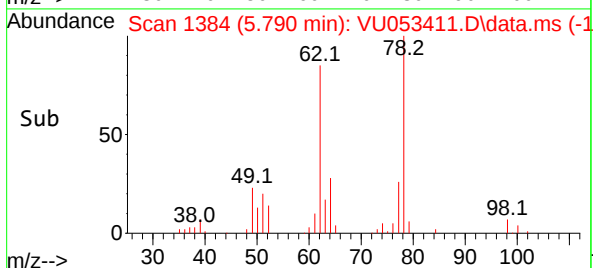
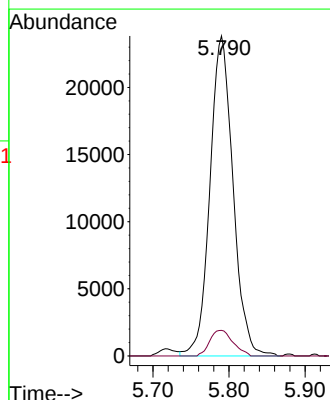
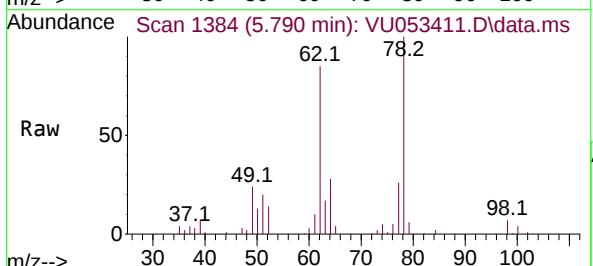
Acq: 24 Mar 2023 23:37

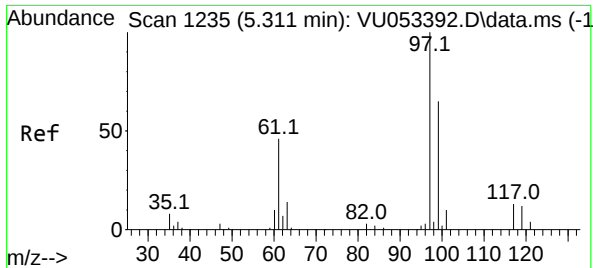
Tgt Ion: 62 Resp: 50224

Ion Ratio Lower Upper

62 100

98 8.0 6.4 9.6

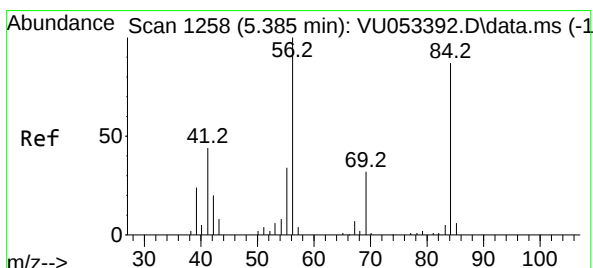
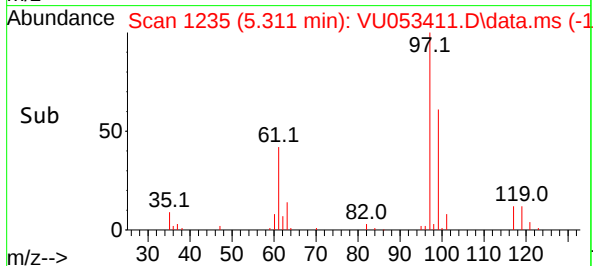
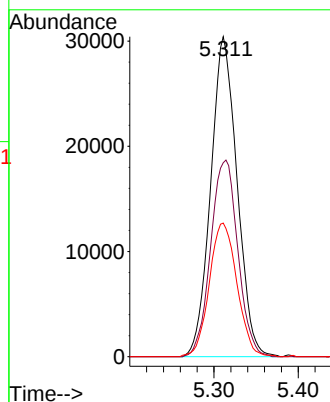
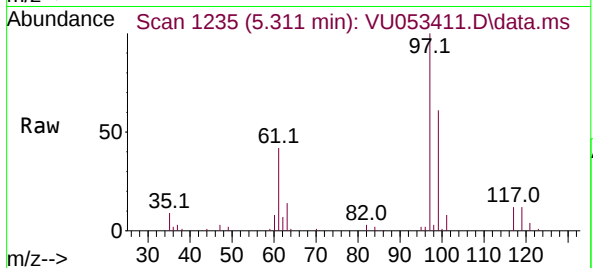




#29
1,1,1-Trichloroethane
Concen: 4.911 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

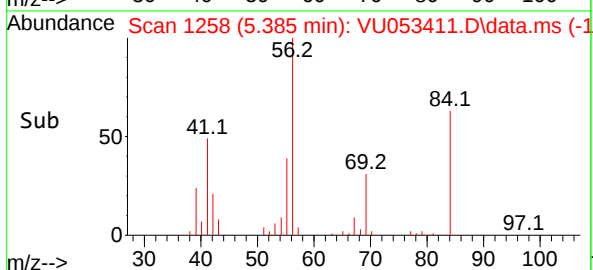
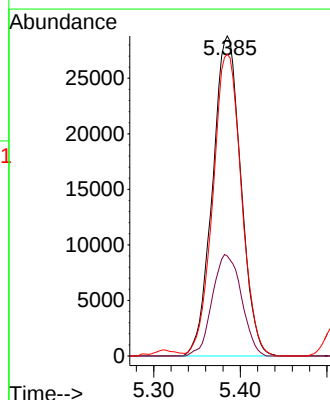
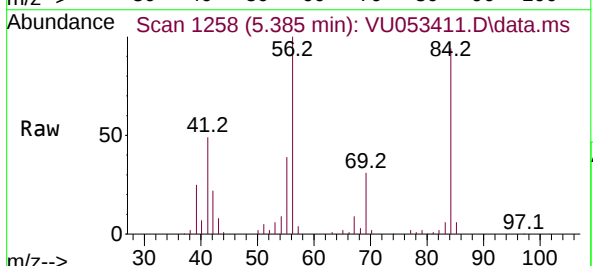
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

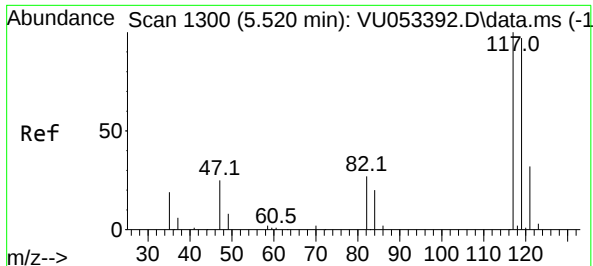
Tgt Ion: 97	Resp: 66151
Ion Ratio	Lower Upper
97 100	
99 63.4	49.9 74.9
61 43.8	35.7 53.5



#30
Cyclohexane
Concen: 4.557 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 56	Resp: 65400
Ion Ratio	Lower Upper
56 100	
69 32.6	26.1 39.1
84 94.7	75.6 113.4

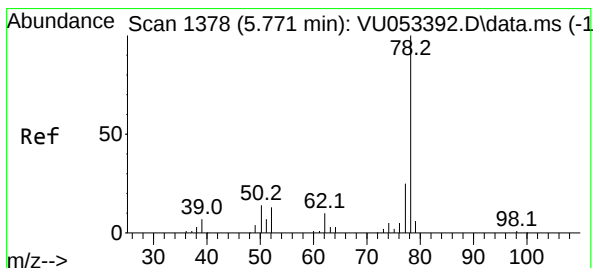
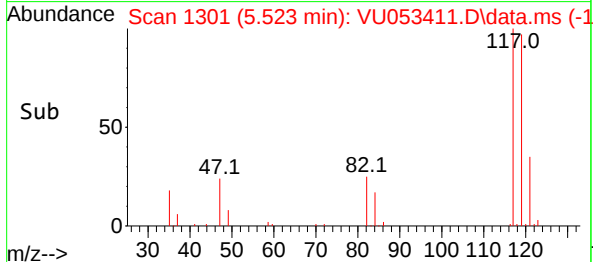
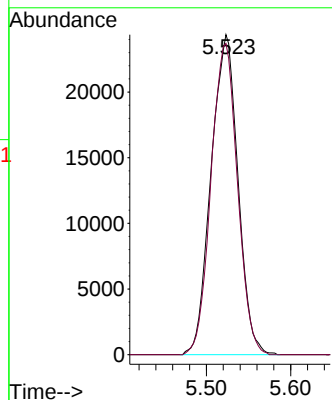
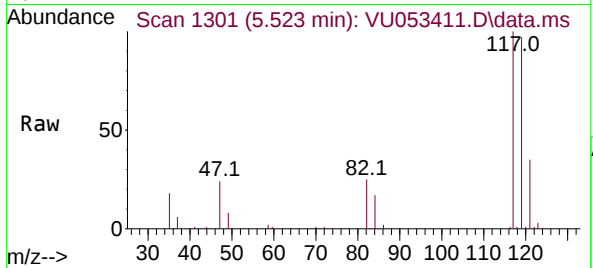




#31
Carbon tetrachloride
Concen: 4.730 ug/L
RT: 5.523 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

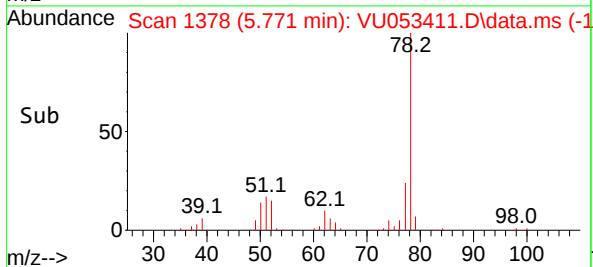
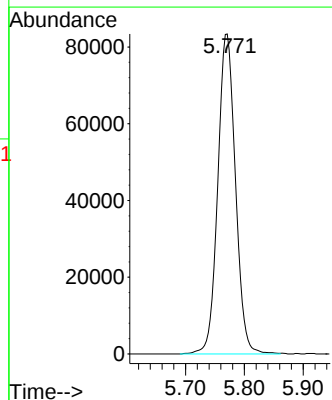
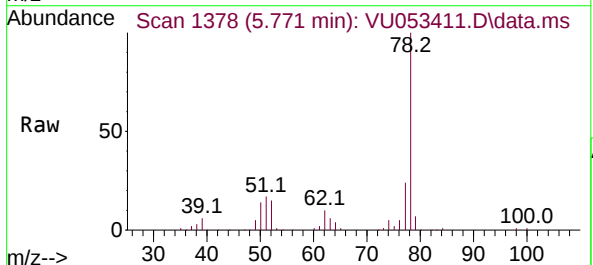
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

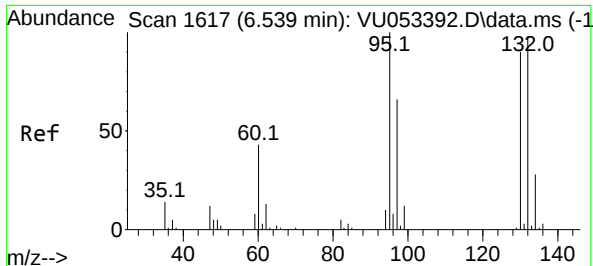
Tgt Ion:117 Resp: 53906
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5



#33
Benzene
Concen: 4.763 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 78 Resp: 174104

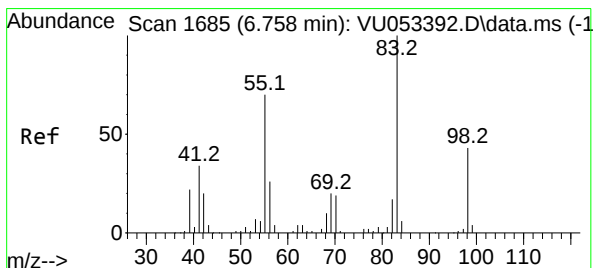
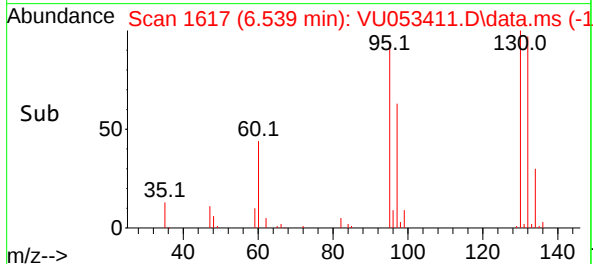
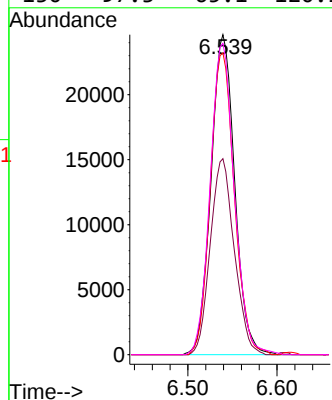
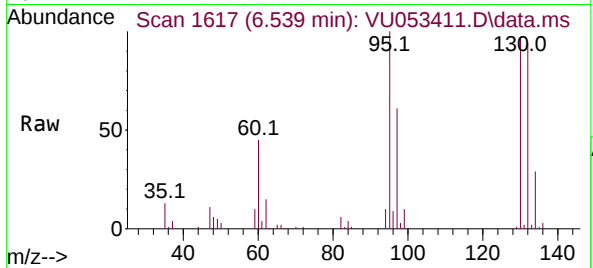




#34
Trichloroethene
Concen: 4.685 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

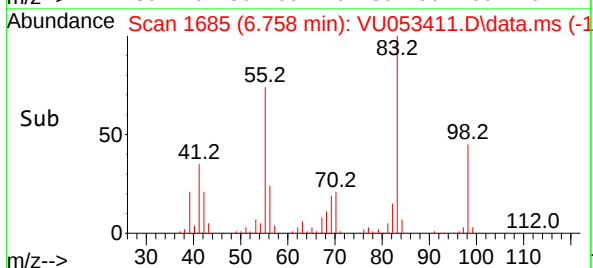
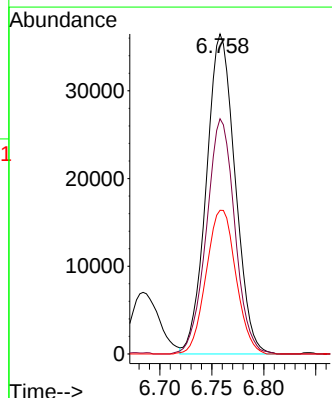
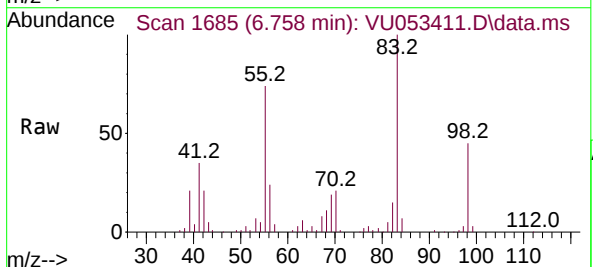
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

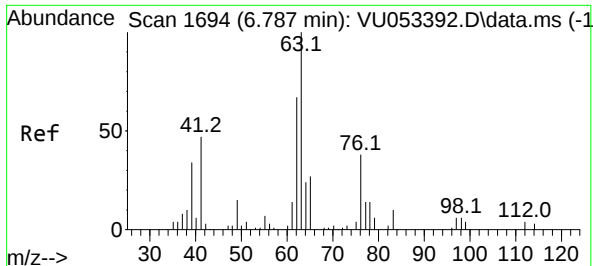
Tgt Ion: 95 Resp: 45609
Ion Ratio Lower Upper
95 100
97 61.3 45.3 84.1
132 94.3 62.8 116.6
130 97.3 65.1 120.9



#35
Methylcyclohexane
Concen: 4.202 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 83 Resp: 70193
Ion Ratio Lower Upper
83 100
55 72.6 54.9 82.3
98 46.4 34.9 52.3

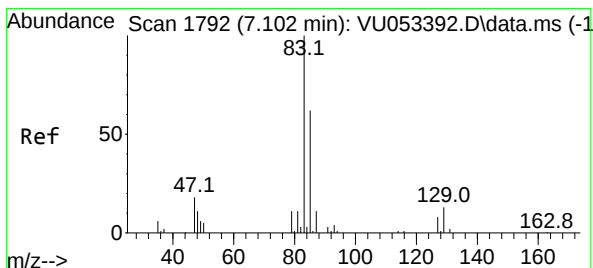
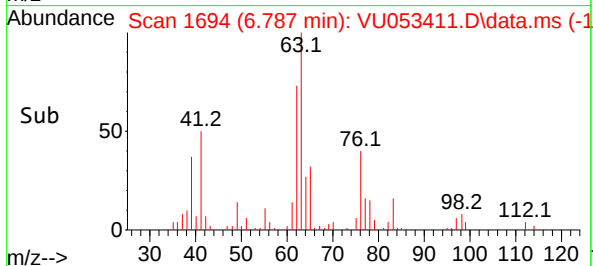
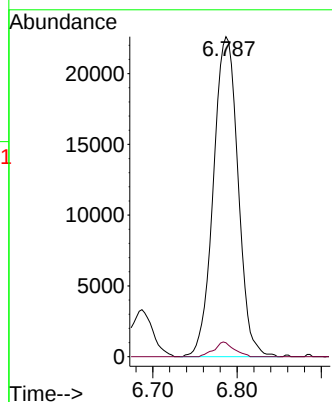
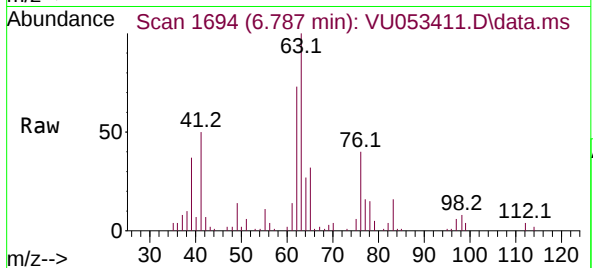




#37
1,2-Dichloropropane
Concen: 4.759 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

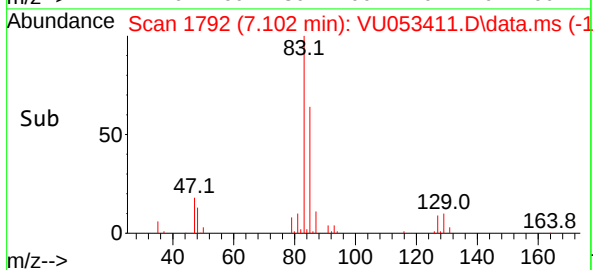
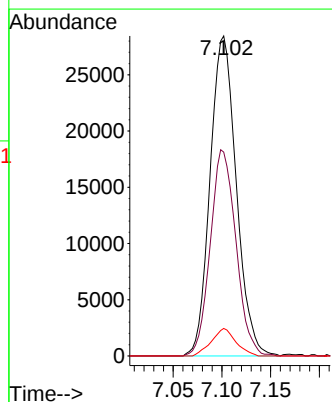
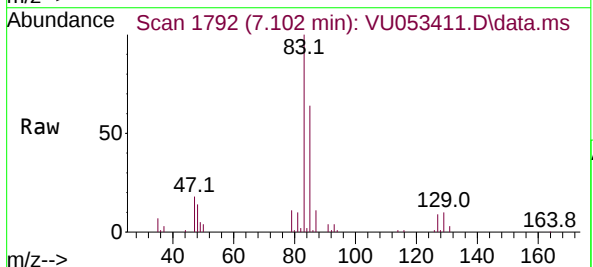
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

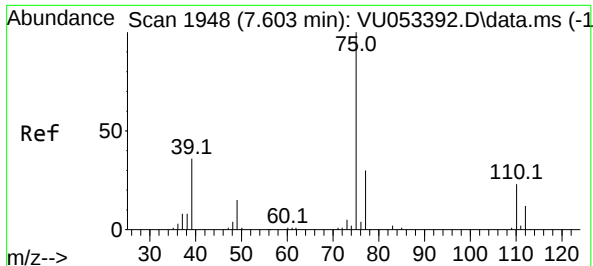
Tgt Ion: 63 Resp: 45939
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 4.968 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 83 Resp: 53252
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
127 8.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 4.742 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

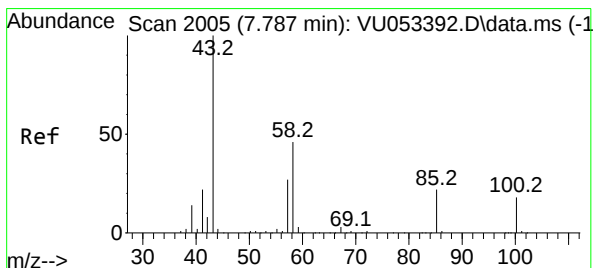
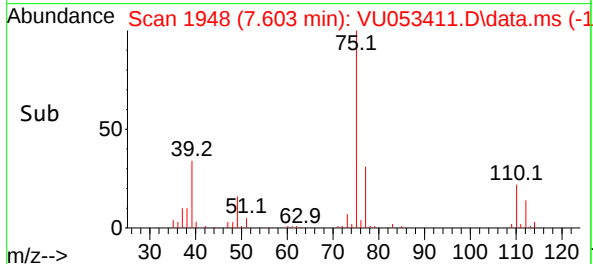
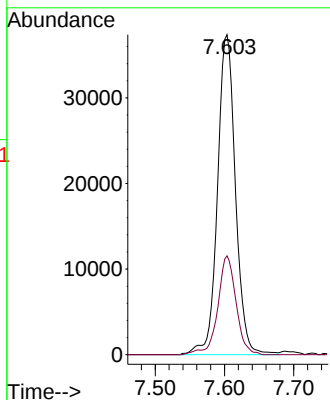
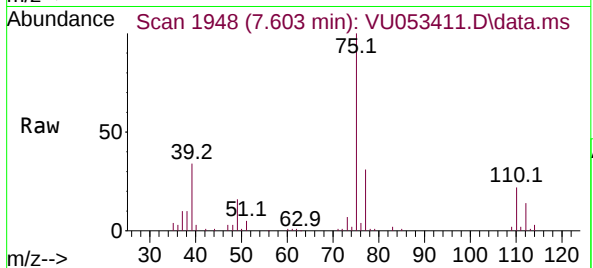
EYF73MS

Tgt Ion: 75 Resp: 67613

Ion Ratio Lower Upper

75 100

77 30.9 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 49.409 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

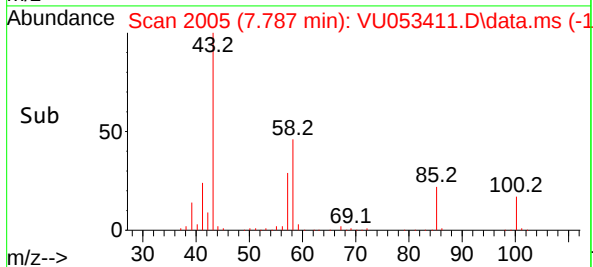
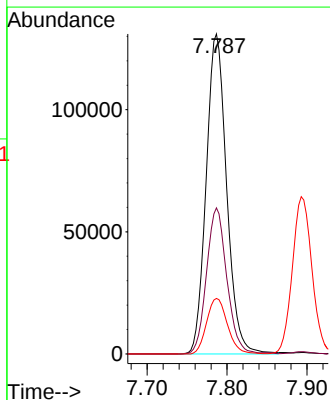
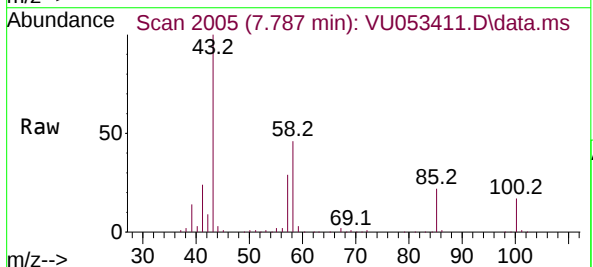
Tgt Ion: 43 Resp: 233372

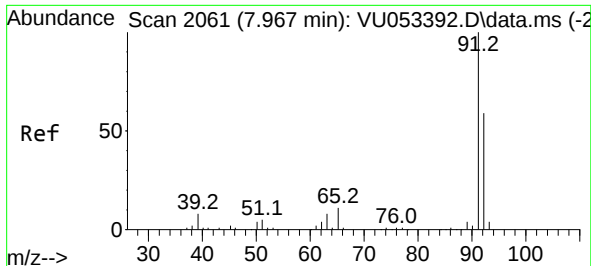
Ion Ratio Lower Upper

43 100

58 45.2 37.4 56.0

100 17.7 14.0 21.0





#42

Toluene

Concen: 4.819 ug/L

RT: 7.964 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

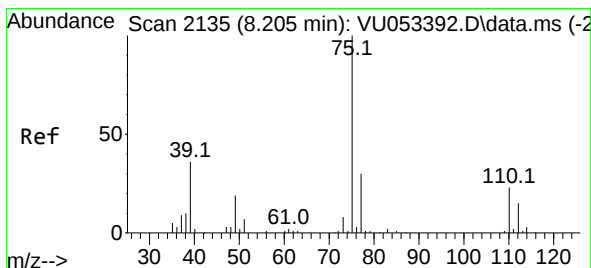
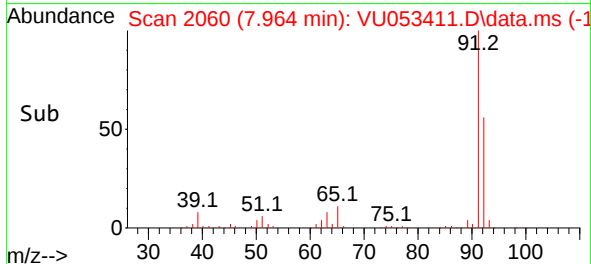
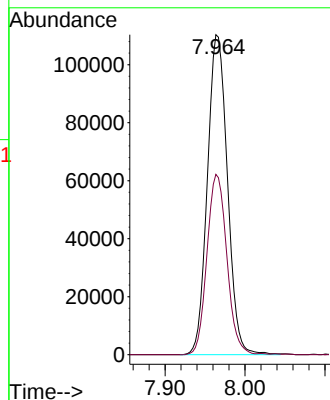
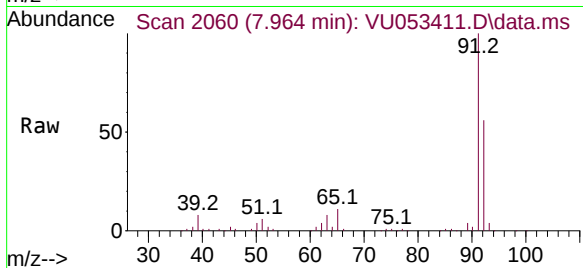
EYF73MS

Tgt Ion: 91 Resp: 192469

Ion Ratio Lower Upper

91 100

92 56.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.573 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU053411.D

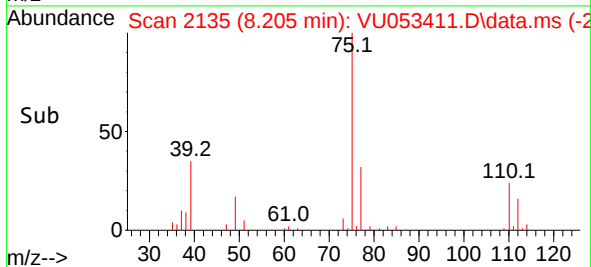
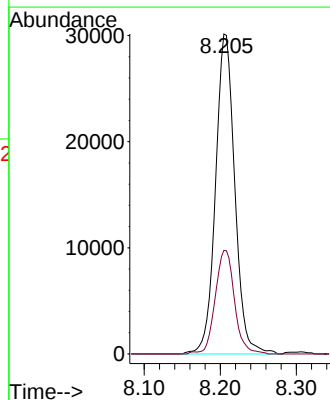
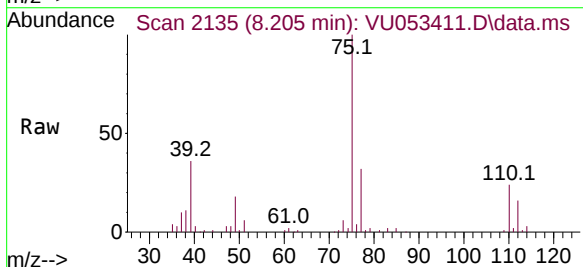
Acq: 24 Mar 2023 23:37

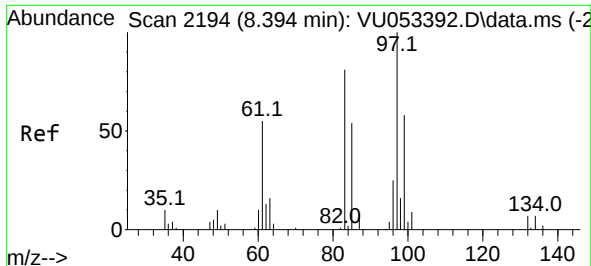
Tgt Ion: 75 Resp: 53057

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8



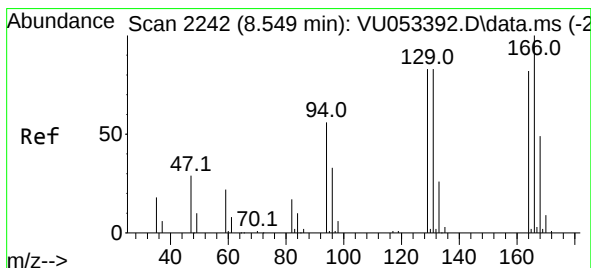
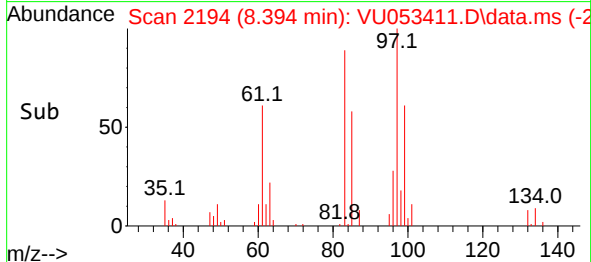
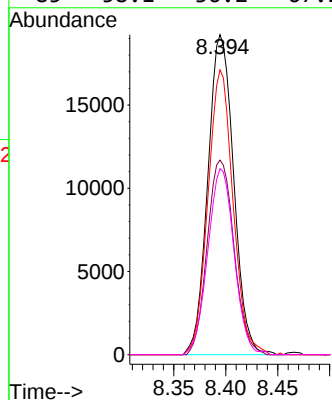
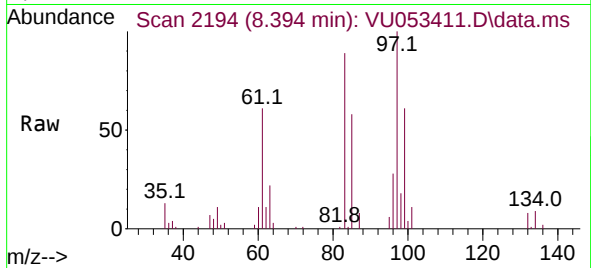


#45
1,1,2-Trichloroethane
Concen: 4.857 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

Tgt Ion: 97 Resp: 33285

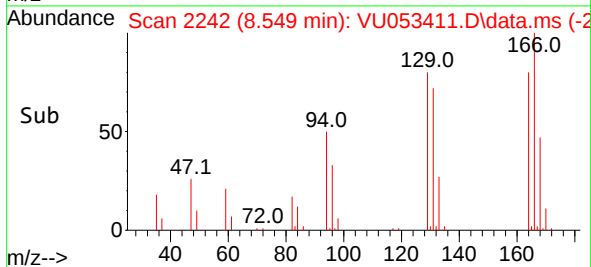
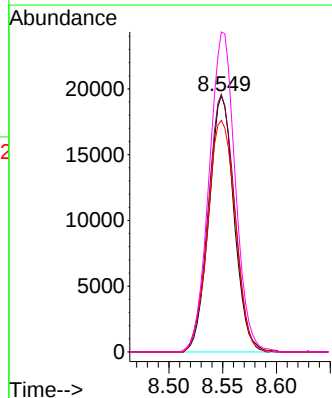
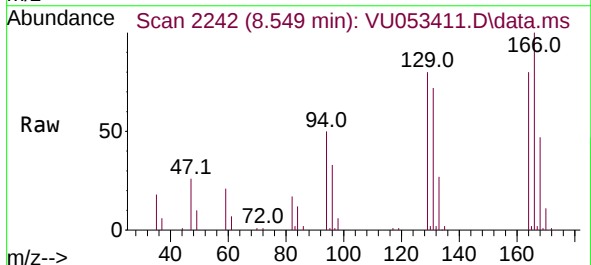
Ion	Ratio	Lower	Upper
97	100		
99	60.8	38.9	72.2
83	89.0	57.6	107.0
85	58.1	36.2	67.2

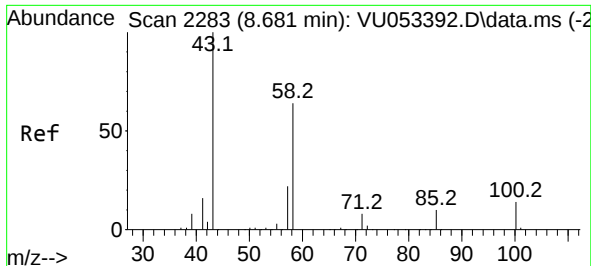


#47
Tetrachloroethene
Concen: 4.429 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 164 Resp: 31679

Ion	Ratio	Lower	Upper
164	100		
129	100.5	74.8	138.8
131	90.3	70.1	130.1
166	124.9	87.3	162.1

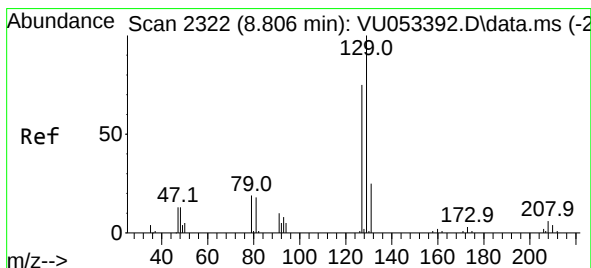
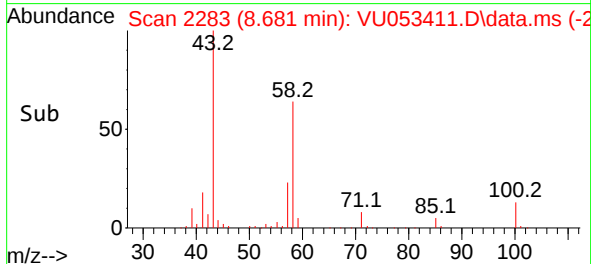
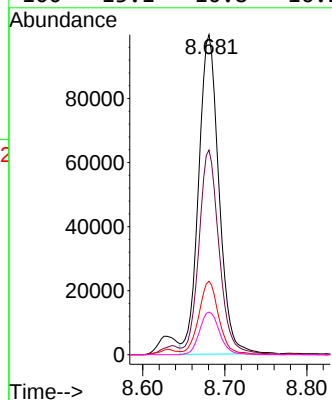
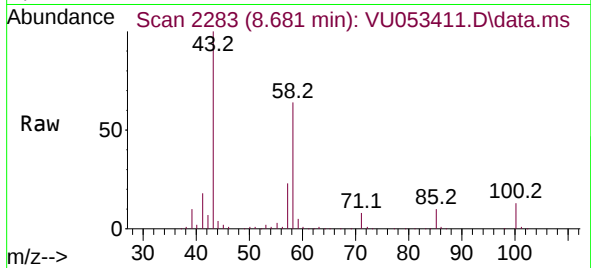




#48
2-Hexanone
Concen: 49.153 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

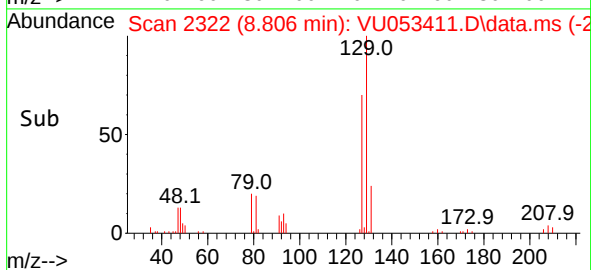
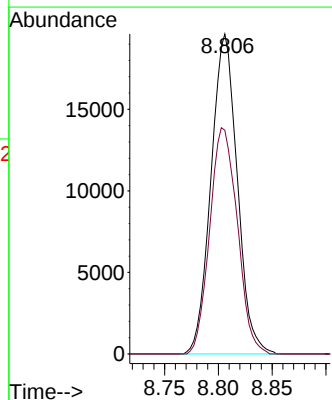
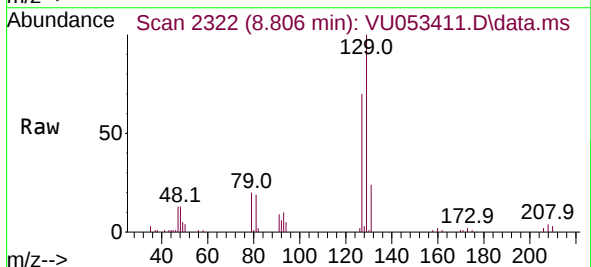
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

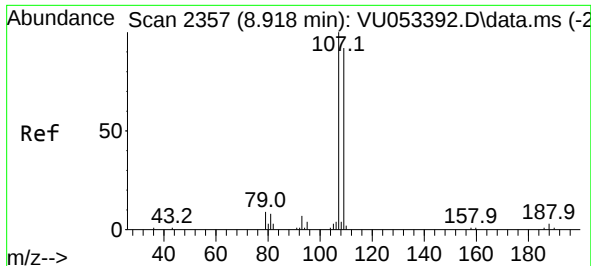
Tgt Ion: 43 Resp: 171663
Ion Ratio Lower Upper
43 100
58 63.2 52.8 79.2
57 22.9 17.1 25.7
100 13.1 10.8 16.2



#49
Dibromochloromethane
Concen: 4.918 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 129 Resp: 33329
Ion Ratio Lower Upper
129 100
127 69.9 52.2 97.0





#50

1,2-Dibromoethane

Concen: 4.803 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

EYF73MS

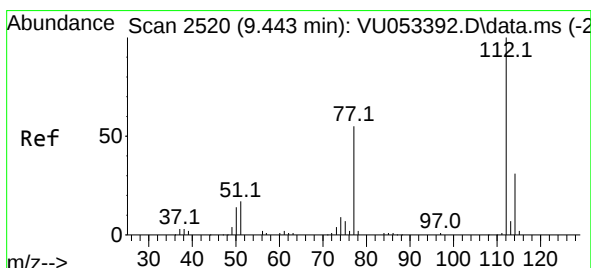
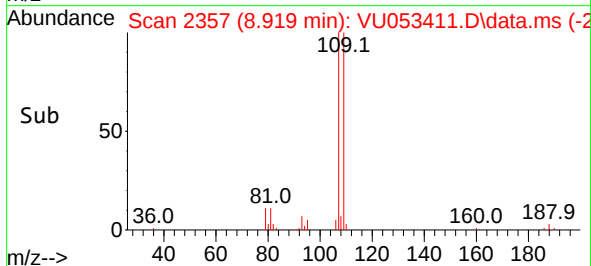
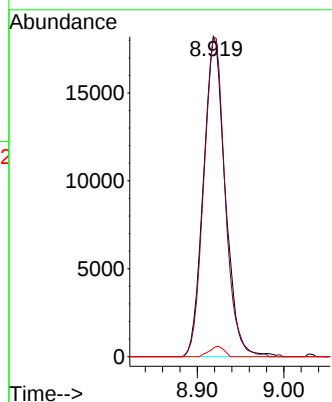
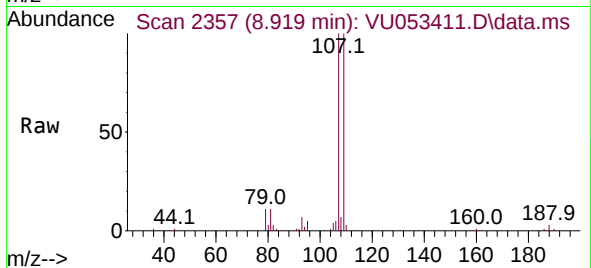
Tgt Ion:107 Resp: 31790

Ion Ratio Lower Upper

107 100

109 100.0 64.7 120.1

188 2.6 3.0 4.6#



#51

Chlorobenzene

Concen: 4.954 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

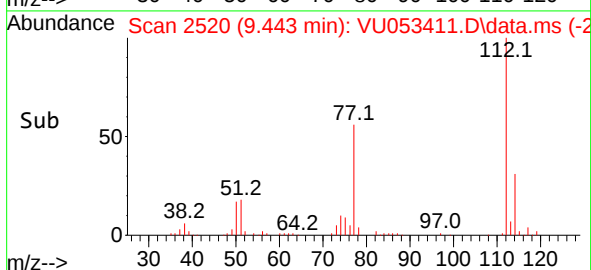
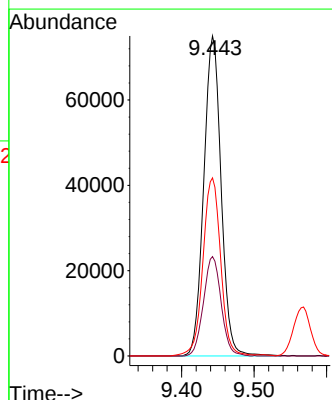
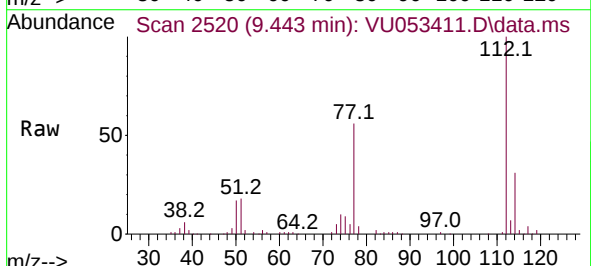
Tgt Ion:112 Resp: 124815

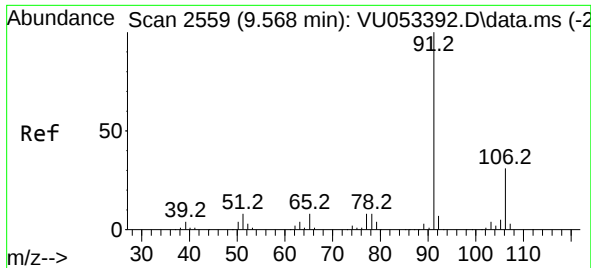
Ion Ratio Lower Upper

112 100

114 31.1 22.1 41.1

77 55.6 45.8 68.6

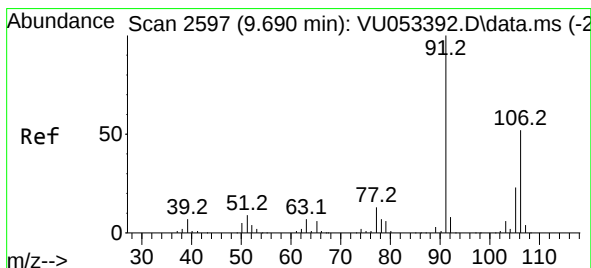
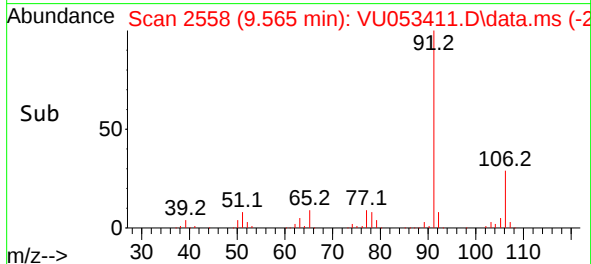
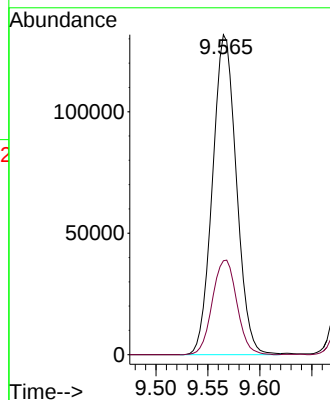
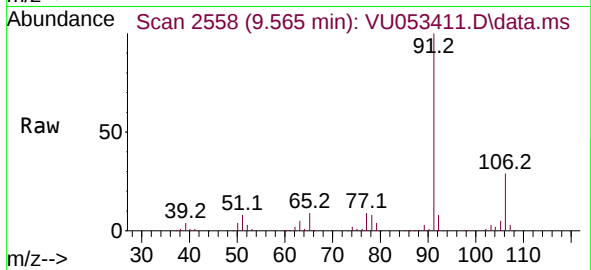




#52
Ethylbenzene
Concen: 4.834 ug/L
RT: 9.565 min Scan# 210477
Delta R.T. -0.003 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

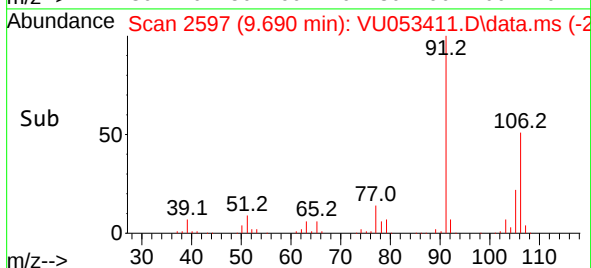
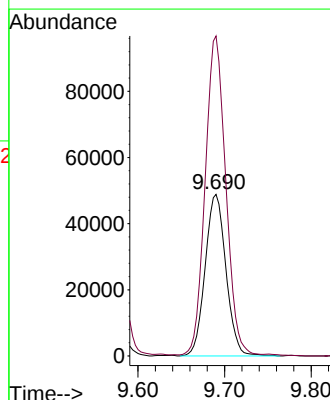
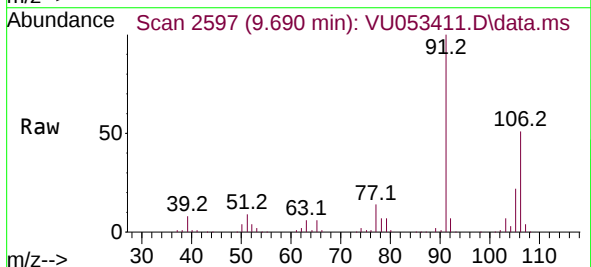
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

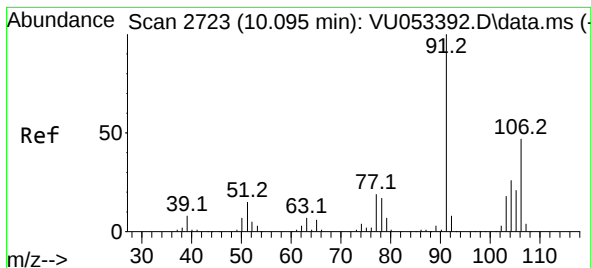
Tgt Ion: 91 Resp: 210477
Ion Ratio Lower Upper
91 100
106 29.4 22.5 41.9



#53
m,p-Xylene
Concen: 4.920 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion:106 Resp: 81657
Ion Ratio Lower Upper
106 100
91 198.0 138.8 257.8





#54

o-Xylene

Concen: 5.018 ug/L

RT: 10.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

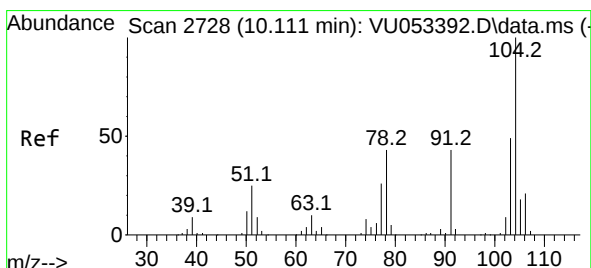
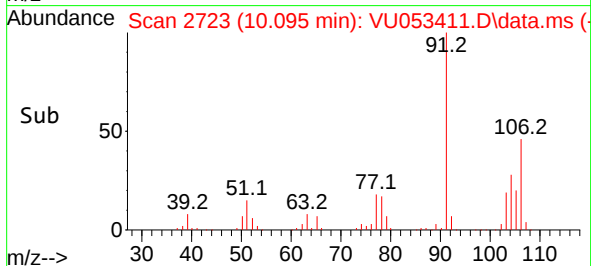
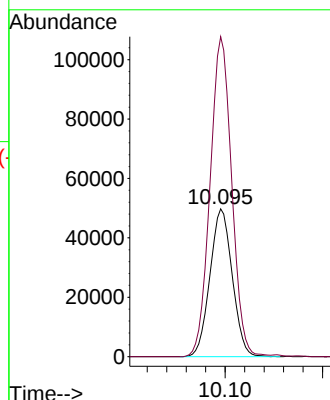
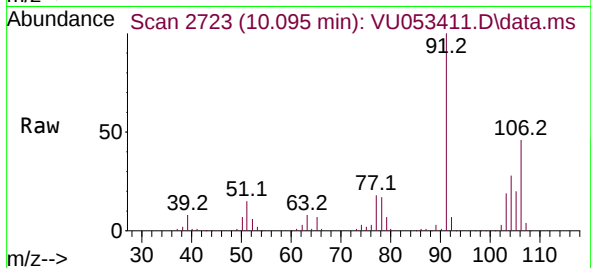
EYF73MS

Tgt Ion:106 Resp: 79028

Ion Ratio Lower Upper

106 100

91 216.4 150.8 280.0



#55

Styrene

Concen: 4.925 ug/L

RT: 10.108 min Scan# 2727

Delta R.T. -0.003 min

Lab File: VU053411.D

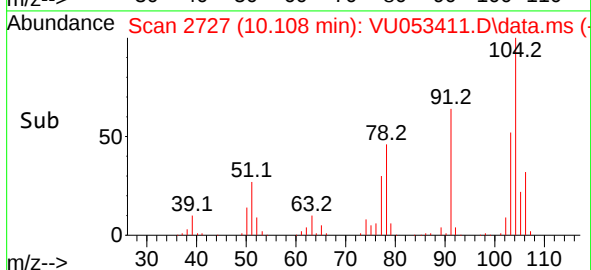
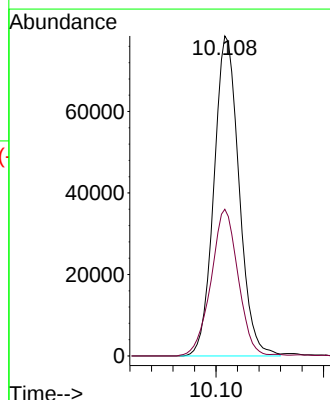
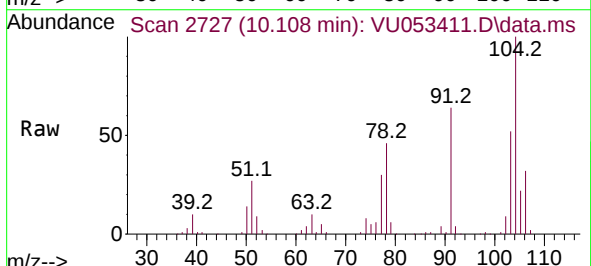
Acq: 24 Mar 2023 23:37

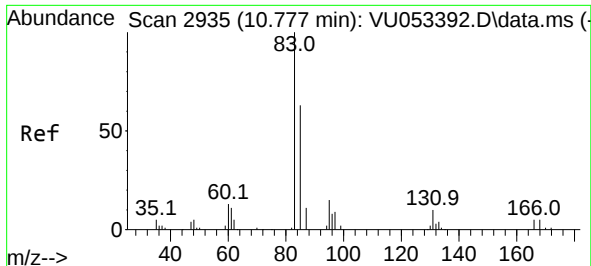
Tgt Ion:104 Resp: 127339

Ion Ratio Lower Upper

104 100

78 45.9 33.0 61.4

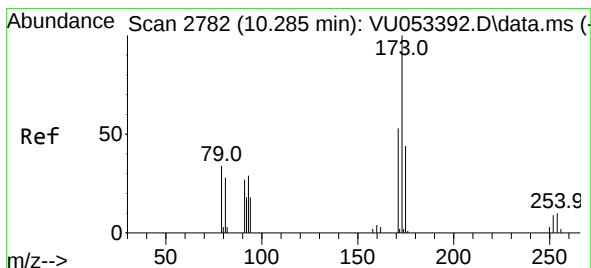
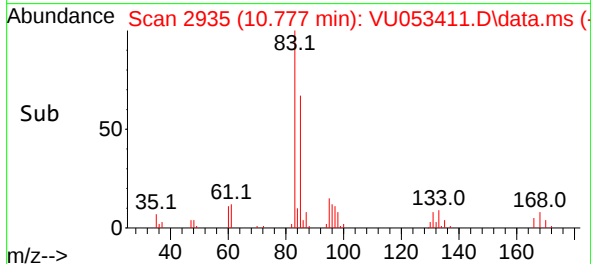
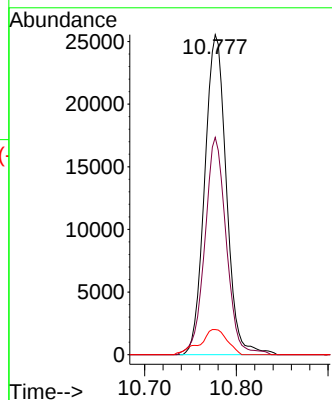
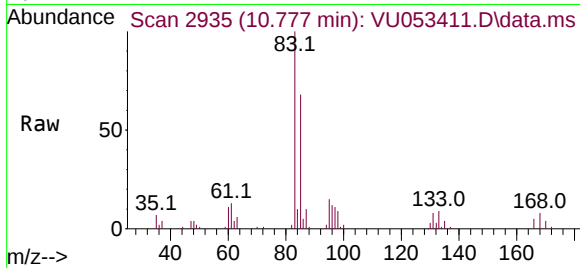




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.837 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

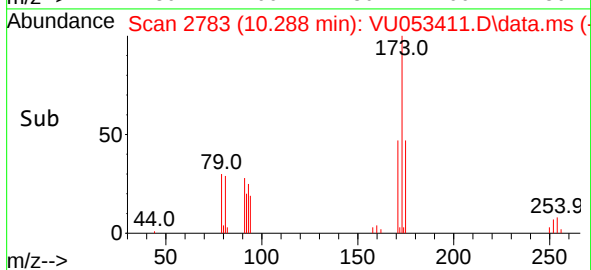
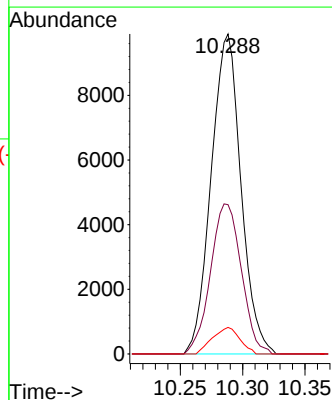
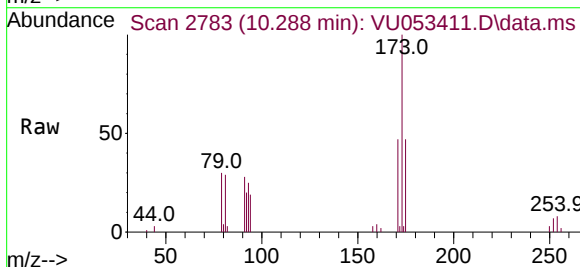
Instrument :
 MSVOA_U
 ClientSampleId :
 EYF73MS

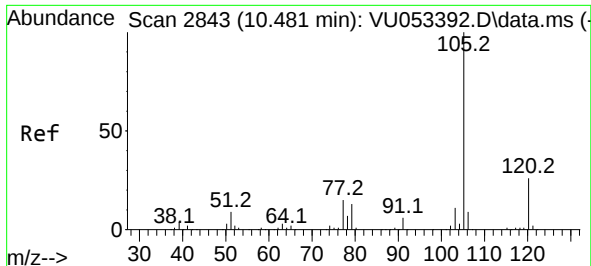
Tgt Ion: 83 Resp: 41863
 Ion Ratio Lower Upper
 83 100
 85 67.9 43.8 81.4
 131 7.9 7.2 10.8



#59
 Bromoform
 Concen: 4.543 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.003 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

Tgt Ion: 173 Resp: 16456
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.9 59.9
 254 7.6 6.6 9.8

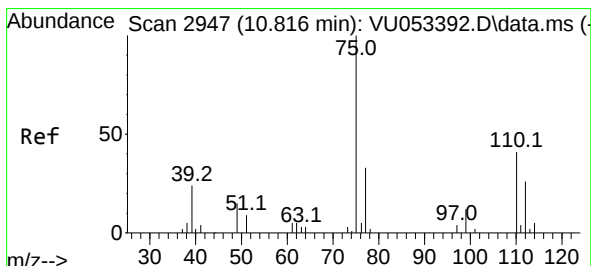
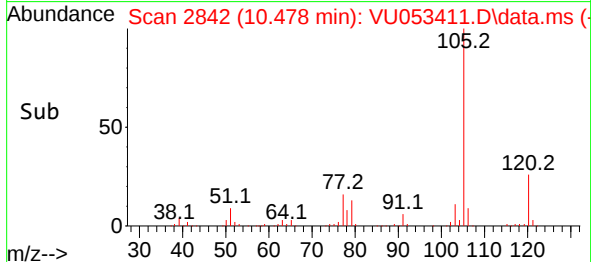
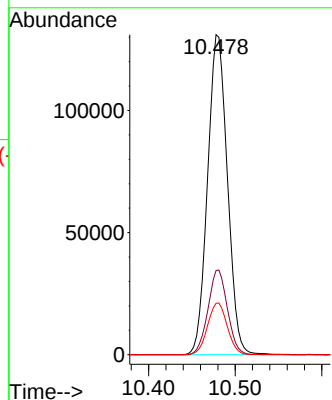
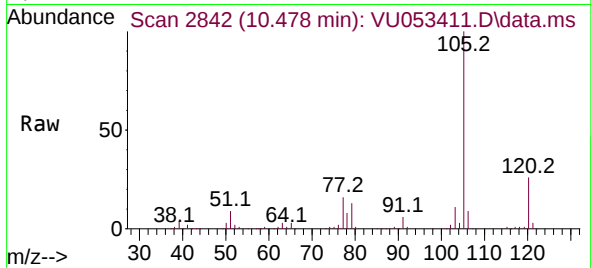




#60
Isopropylbenzene
Concen: 4.874 ug/L
RT: 10.478 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

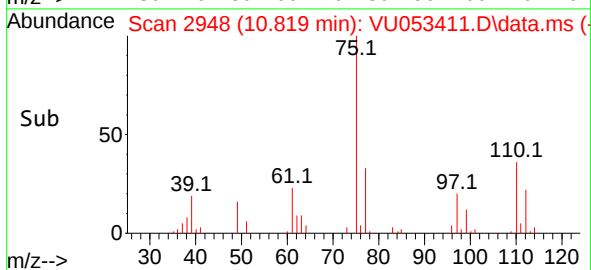
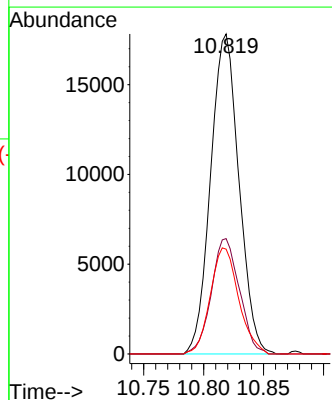
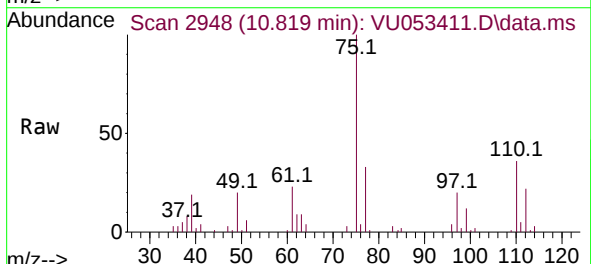
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

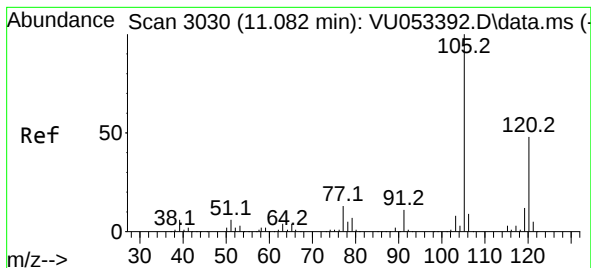
Tgt Ion:105 Resp: 208280
Ion Ratio Lower Upper
105 100
120 25.9 21.5 32.3
77 16.0 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.016 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion: 75 Resp: 29239
Ion Ratio Lower Upper
75 100
110 35.7 30.6 46.0
77 33.2 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 4.800 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

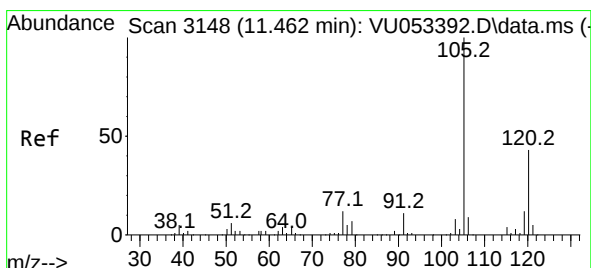
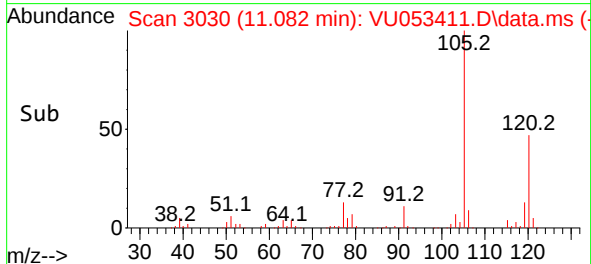
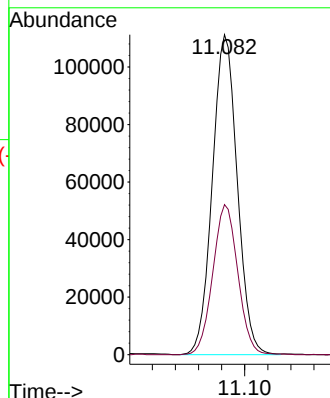
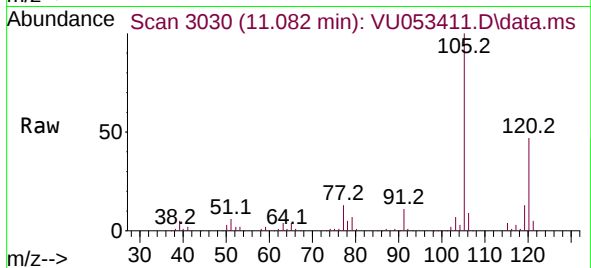
EYF73MS

Tgt Ion:105 Resp: 166431

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 4.831 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU053411.D

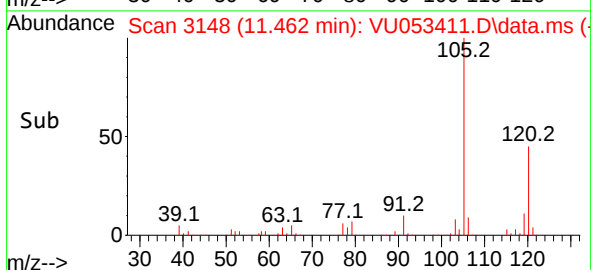
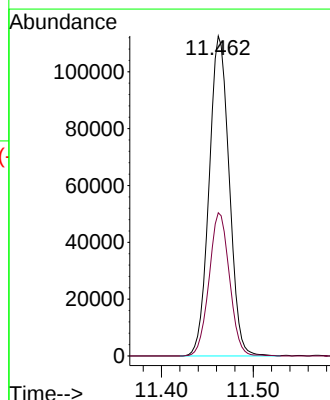
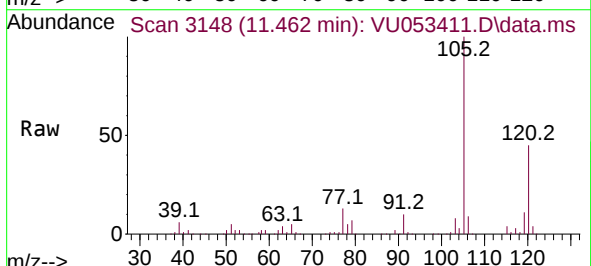
Acq: 24 Mar 2023 23:37

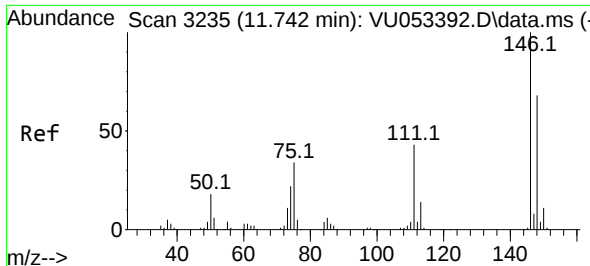
Tgt Ion:105 Resp: 171542

Ion Ratio Lower Upper

105 100

120 45.4 35.4 53.0

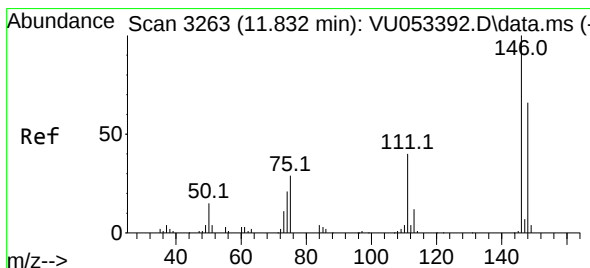
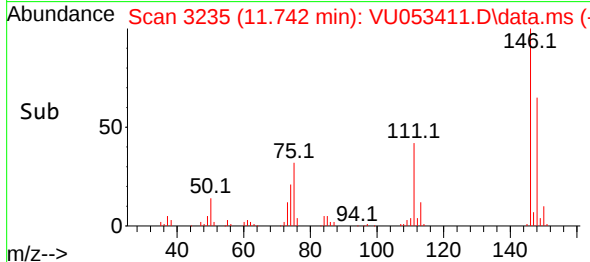
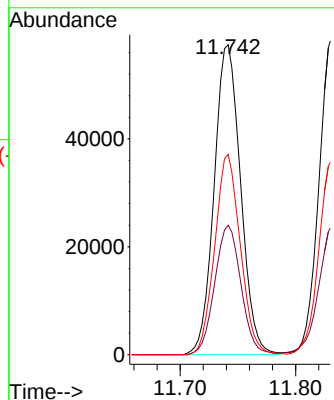
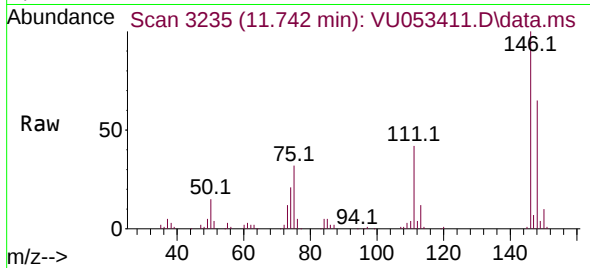




#64
1,3-Dichlorobenzene
Concen: 4.864 ug/L
RT: 11.742 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

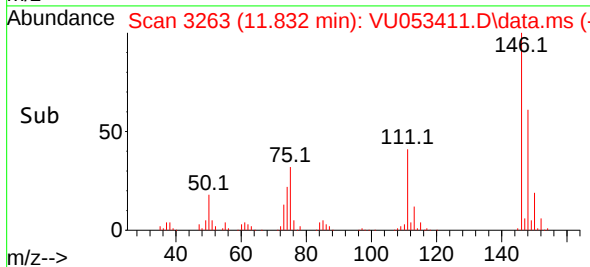
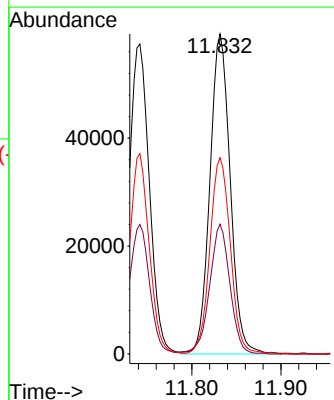
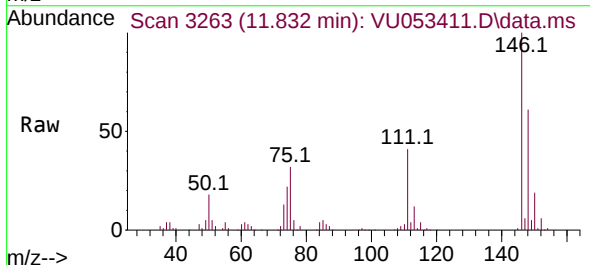
Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

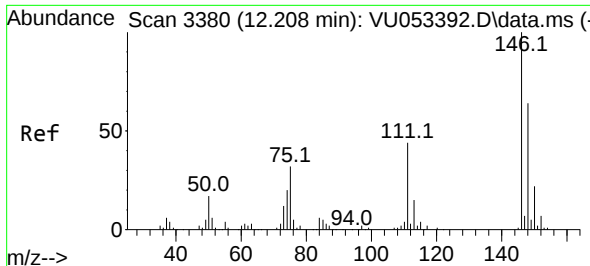
Tgt Ion:146 Resp: 91381
Ion Ratio Lower Upper
146 100
111 41.8 29.4 54.6
148 64.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.975 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion:146 Resp: 93847
Ion Ratio Lower Upper
146 100
111 40.6 29.8 55.4
148 61.3 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 4.790 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

Instrument :

MSVOA_U

ClientSampleId :

EYF73MS

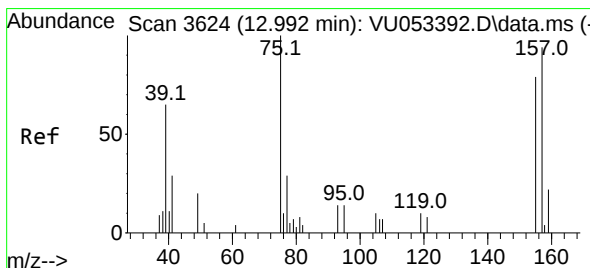
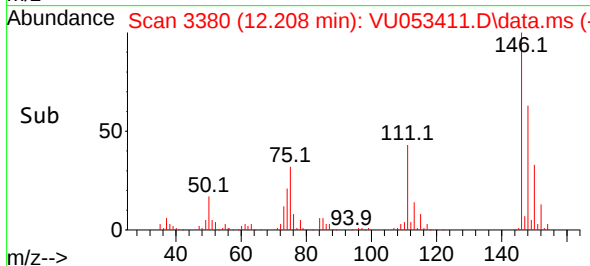
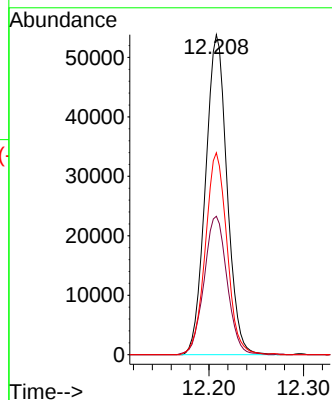
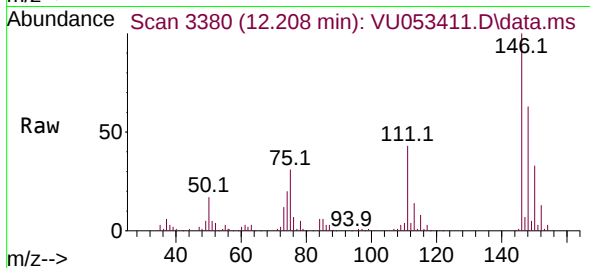
Tgt Ion:146 Resp: 85308

Ion Ratio Lower Upper

146 100

111 43.2 35.0 52.6

148 63.1 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.836 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU053411.D

Acq: 24 Mar 2023 23:37

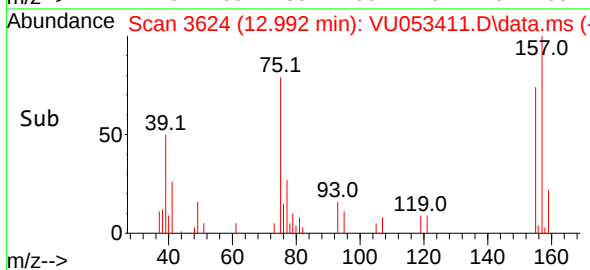
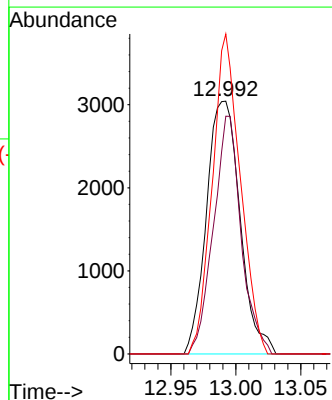
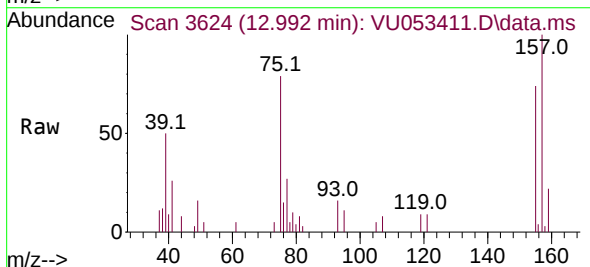
Tgt Ion: 75 Resp: 5466

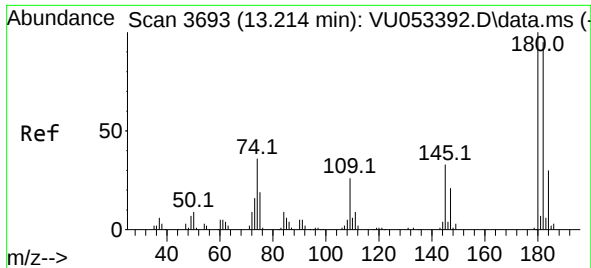
Ion Ratio Lower Upper

75 100

155 94.1 63.9 95.9

157 126.6 74.1 111.1#

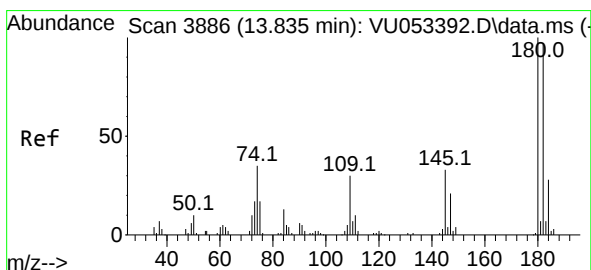
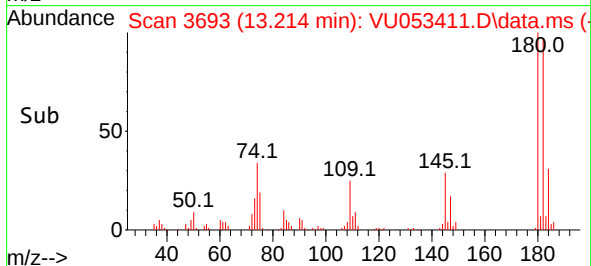
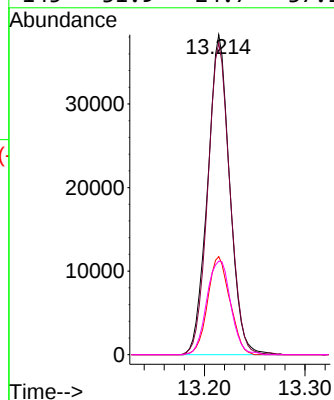
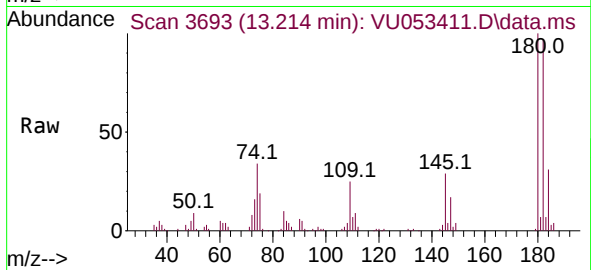




#69
 1,3,5-Trichlorobenzene
 Concen: 4.454 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

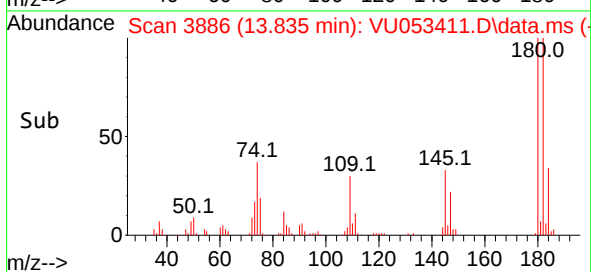
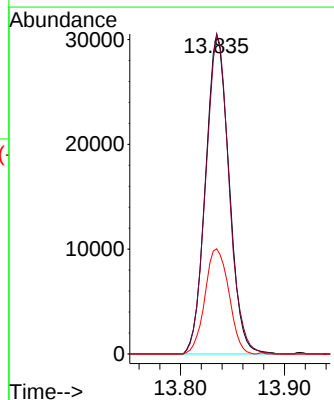
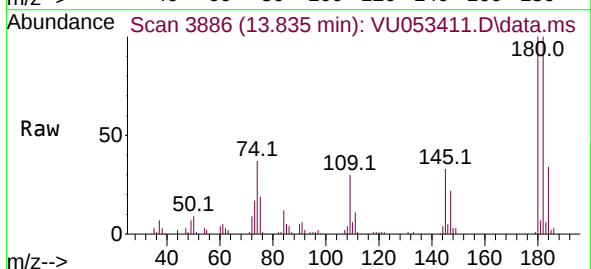
Instrument :
 MSVOA_U
 ClientSampleId :
 EYF73MS

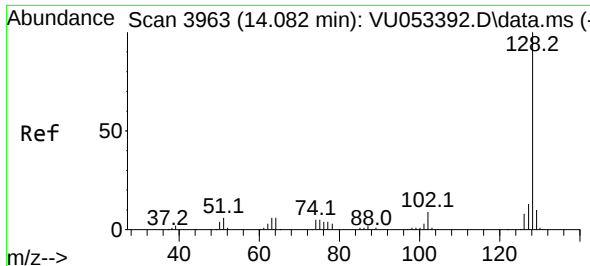
Tgt Ion:180	Resp:	58419
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.7 115.1
184	30.9	24.1 36.1
145	31.9	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.587 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU053411.D
 Acq: 24 Mar 2023 23:37

Tgt Ion:180	Resp:	47830
Ion Ratio	Lower	Upper
180	100	
182	99.1	75.4 113.2
145	33.4	25.8 38.8

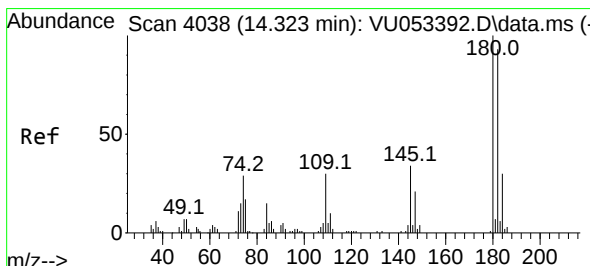
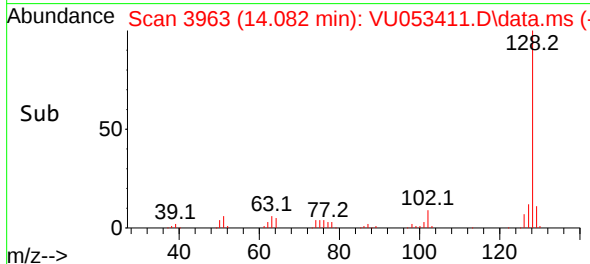
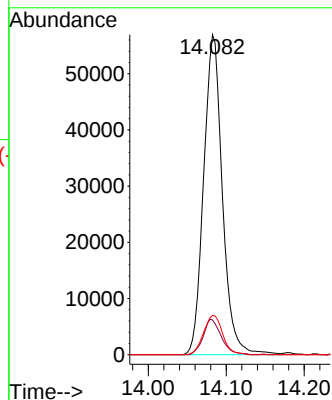
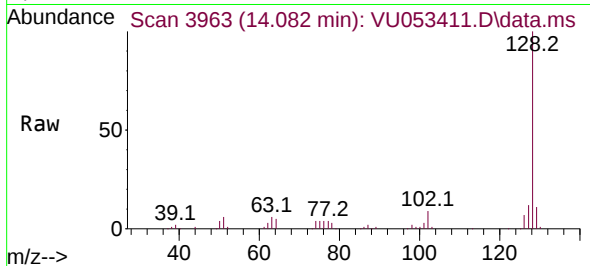




#71
Naphthalene
Concen: 4.851 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Instrument :
MSVOA_U
ClientSampleId :
EYF73MS

Tgt Ion:128	Resp:	95293
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.2 12.4
127	12.5	10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.728 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU053411.D
Acq: 24 Mar 2023 23:37

Tgt Ion:180	Resp:	43033
Ion Ratio	Lower	Upper
180	100	
182	99.5	74.8 112.2
145	34.0	26.3 39.5

