

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072822\
 Data File : U050021.D
 Acq On : 29 Jul 2022 06:18
 Operator : SY/MD
 Sample : N3890-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3MS

Quant Time: Jul 29 06:43:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32200	4.403	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.912	69	26350	5.016	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.565	65	11512	4.567	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.633	46	98814	60.699	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.400%	
24) Chloroform-d	5.063	84	64750	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
26) 1,2-Dichloroethane-d4	5.703	65	32858	5.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.726	84	123372	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.690	67	41632	5.114	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.896	98	111100	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	8.179	79	13666	4.790	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.636	63	57678	53.999	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.000%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39368	5.755	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36884	5.138	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	33522	5.099	ug/L	99
3) Chloromethane	1.520	50	41569	5.337	ug/L	98
5) Vinyl chloride	1.601	62	39707	5.424	ug/L	99
6) Bromomethane	1.855	94	21535	5.314	ug/L	99
8) Chloroethane	1.932	64	23621	5.690	ug/L	96
9) Trichlorofluoromethane	2.138	101	50089	5.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	27116	5.341	ug/L	99
12) 1,1-Dichloroethene	2.578	96	48381	10.292	ug/L #	83
13) Acetone	2.642	43	59196	51.733	ug/L	96
14) Carbon disulfide	2.790	76	70154	4.913	ug/L	100
15) Methyl Acetate	2.957	43	9868	4.157	ug/L	96
16) Methylene chloride	3.044	84	36625	5.067	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	75303	5.730	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	29051	5.623	ug/L	98
19) 1,1-Dichloroethane	3.867	63	63147	5.958	ug/L	99
21) 2-Butanone	4.713	43	106051	64.349	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	38695	6.265	ug/L	98
23) Bromochloromethane	4.977	128	16873	5.966	ug/L	98
25) Chloroform	5.089	83	71858	6.049	ug/L	99

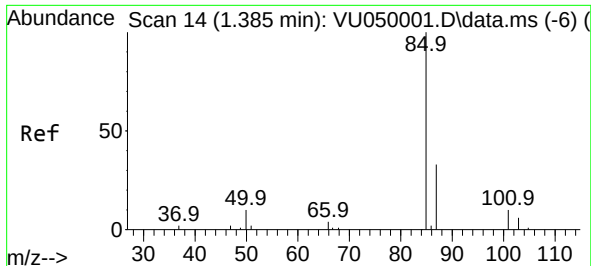
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40265	6.074	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	48951	5.482	ug/L	99
30) Cyclohexane	5.388	56	38235	5.073	ug/L	99
31) Carbon tetrachloride	5.526	117	40246	5.548	ug/L	98
33) Benzene	5.774	78	137215	5.590	ug/L	100
34) Trichloroethene	6.542	95	527331	88.385	ug/L	98
35) Methylcyclohexane	6.764	83	41086	5.221	ug/L	99
37) 1,2-Dichloropropane	6.793	63	38161	5.641	ug/L	100
38) Bromodichloromethane	7.105	83	47977	5.862	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	42050	4.804	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	237003	60.638	ug/L	99
42) Toluene	7.970	91	141147	5.655	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	36407	4.953	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	29513	5.839	ug/L	96
47) Tetrachloroethene	8.552	164	98159	22.860	ug/L	96
48) 2-Hexanone	8.684	43	190590	63.969	ug/L	98
49) Dibromochloromethane	8.809	129	32938	5.955	ug/L	97
50) 1,2-Dibromoethane	8.925	107	25920	5.775	ug/L	94
51) Chlorobenzene	9.446	112	86845	5.482	ug/L	99
52) Ethylbenzene	9.571	91	131677	5.386	ug/L	99
53) m,p-Xylene	9.693	106	49201	5.285	ug/L	97
54) o-Xylene	10.102	106	50347	5.578	ug/L	96
55) Styrene	10.115	104	74736	4.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	39244	5.965	ug/L	95
59) Bromoform	10.292	173	18334	5.893	ug/L	100
60) Isopropylbenzene	10.484	105	125184	5.475	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	26392	5.871	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	96952	5.219	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	92941	5.163	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	60445	5.521	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	59289	5.473	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	61385	5.643	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	5437	6.123	ug/L	83
69) 1,3,5-Trichlorobenzene	13.217	180	41314	5.234	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	31177	4.951	ug/L	100
71) Naphthalene	14.086	128	58329	4.672	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	32233	5.157	ug/L	100

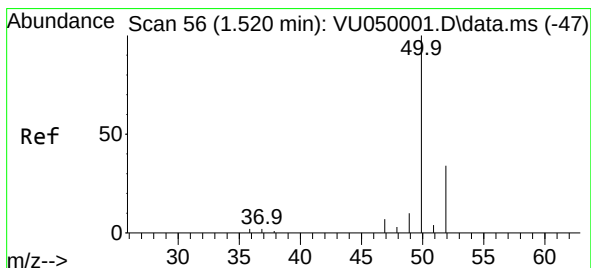
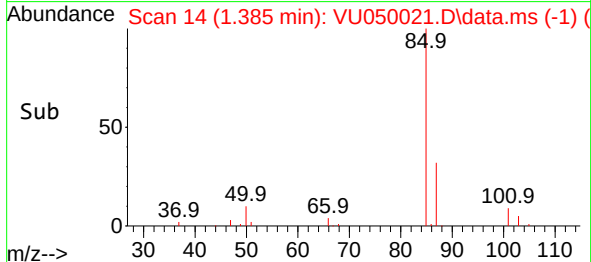
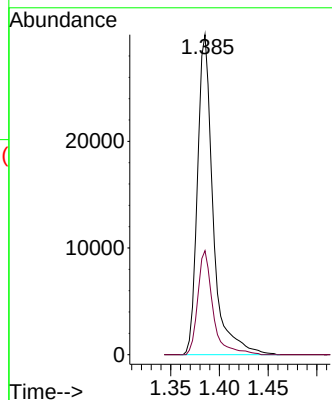
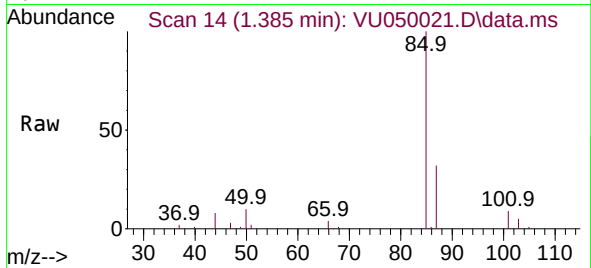
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#2
Dichlorodifluoromethane
Concen: 5.099 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

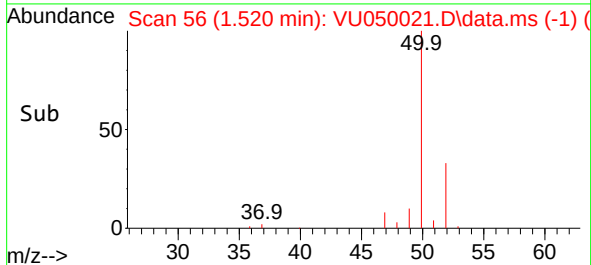
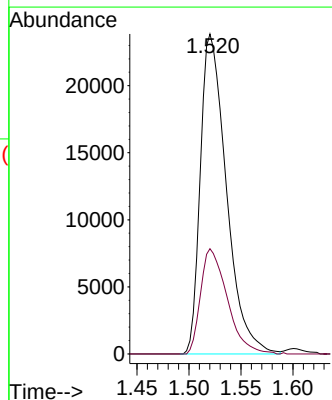
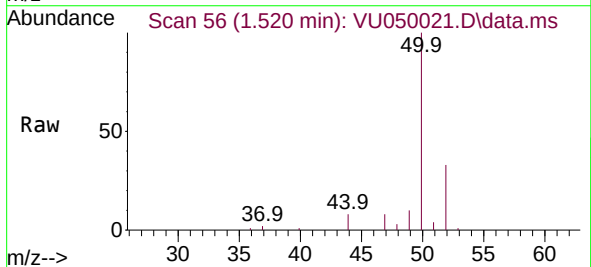
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

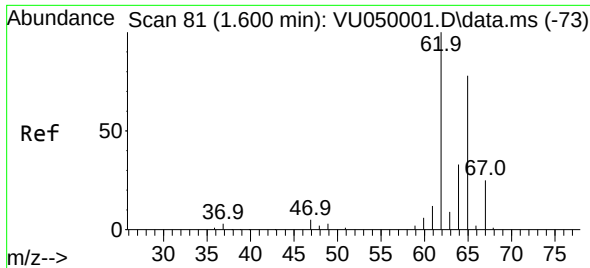
Tgt Ion: 85 Resp: 33522
Ion Ratio Lower Upper
85 100
87 31.7 25.7 38.5



#3
Chloromethane
Concen: 5.337 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 50 Resp: 41569
Ion Ratio Lower Upper
50 100
52 32.9 22.4 41.6

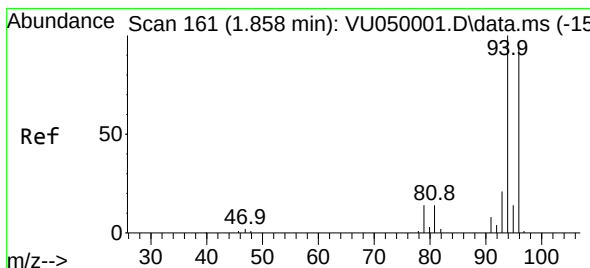
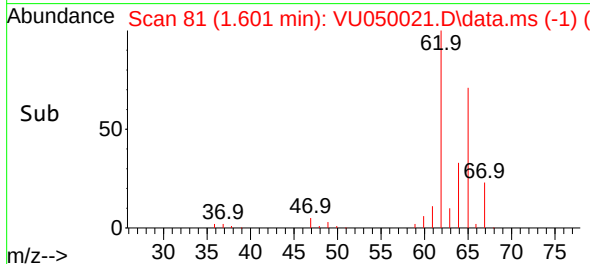
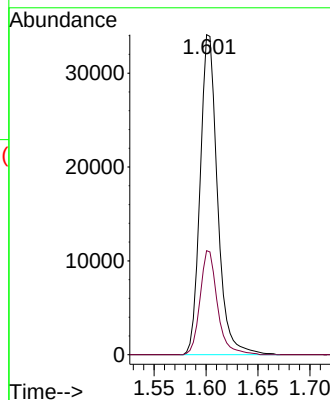
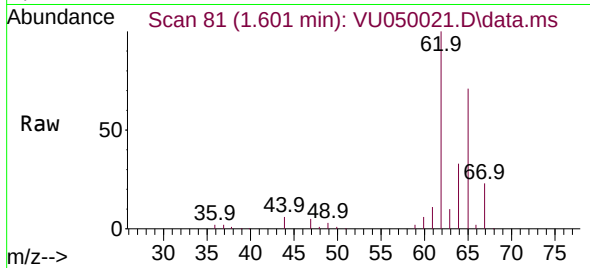




#5
 Vinyl chloride
 Concen: 5.424 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

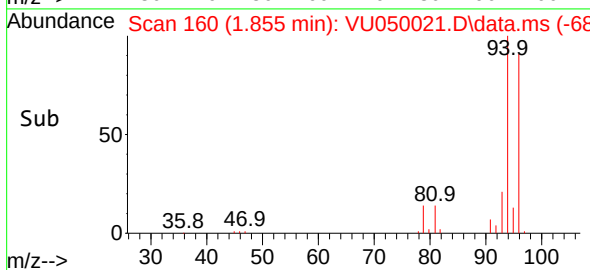
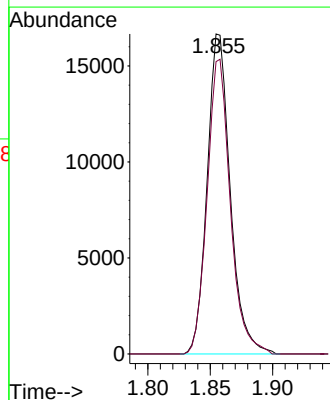
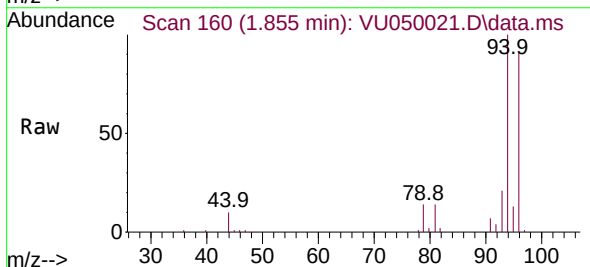
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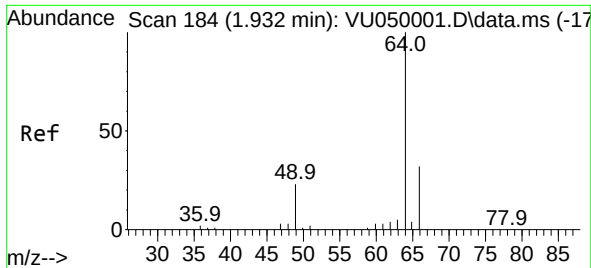
Tgt Ion: 62 Resp: 39707
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.5 41.9



#6
 Bromomethane
 Concen: 5.314 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

Tgt Ion: 94 Resp: 21535
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.5 119.9

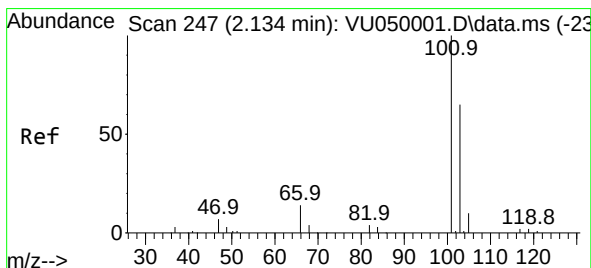
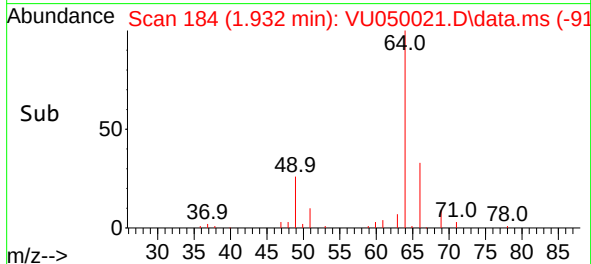
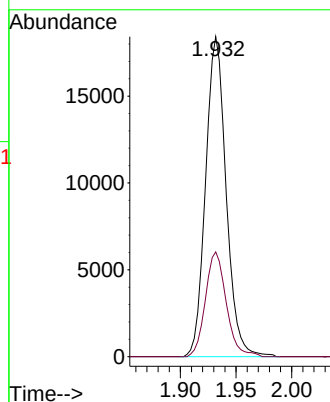
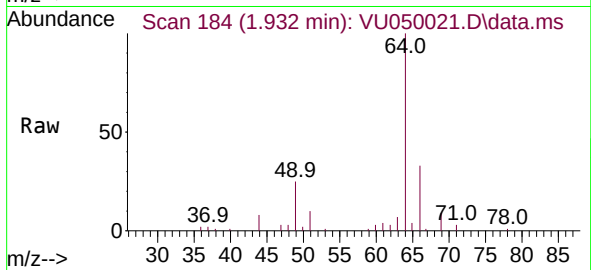




#8
Chloroethane
Concen: 5.690 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

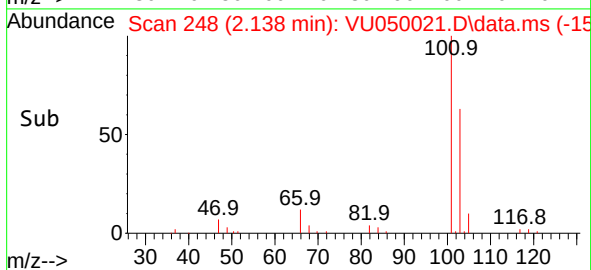
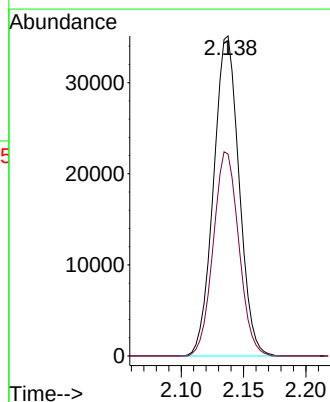
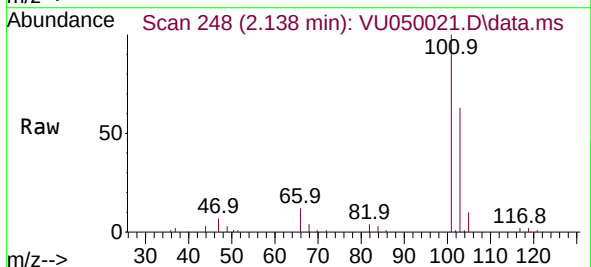
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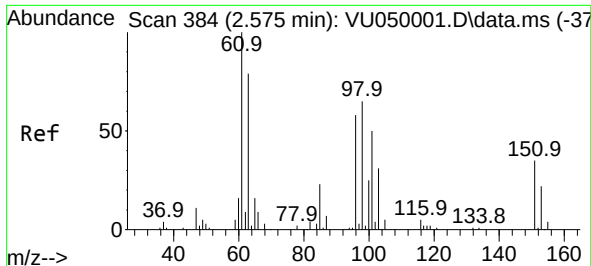
Tgt Ion: 64 Resp: 23621
Ion Ratio Lower Upper
64 100
66 32.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.809 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion:101 Resp: 50089
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6

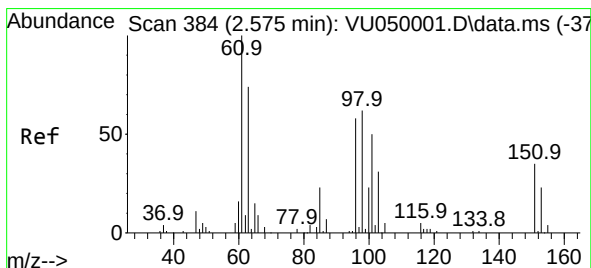
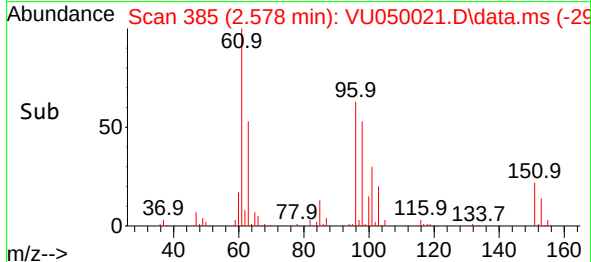
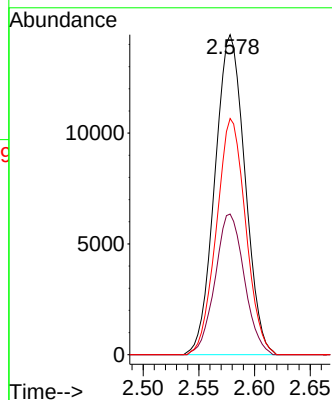
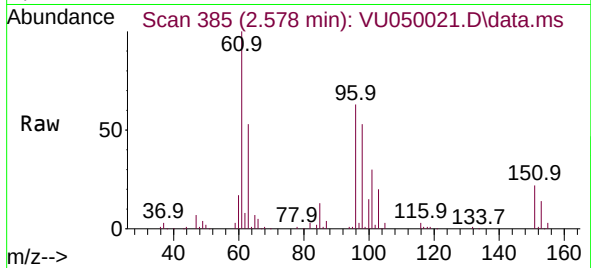




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.341 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

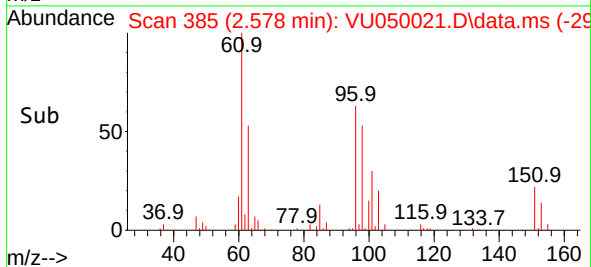
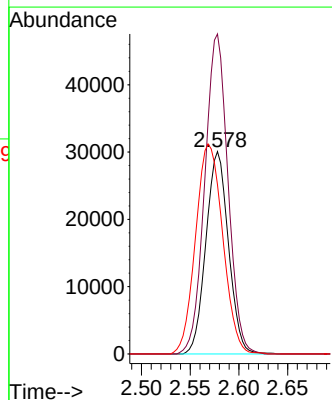
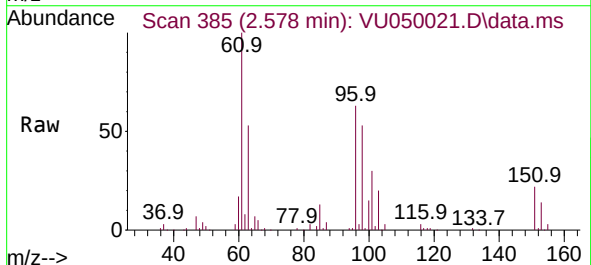
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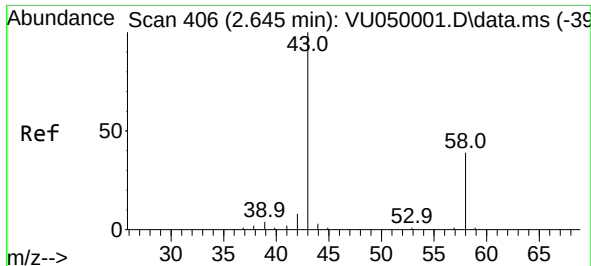
Tgt Ion:101 Resp: 27116
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.1 51.1
 151 71.9 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 10.292 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

Tgt Ion: 96 Resp: 48381
 Ion Ratio Lower Upper
 96 100
 61 158.1 115.7 214.9
 63 83.6 84.8 157.4#





#13

Acetone

Concen: 51.733 ug/L

RT: 2.642 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

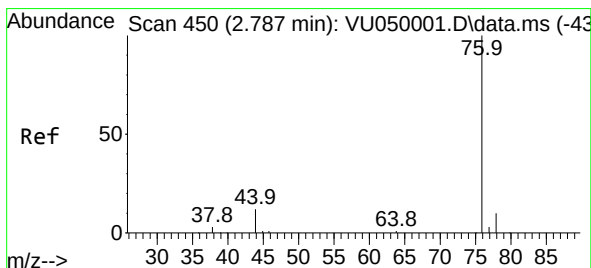
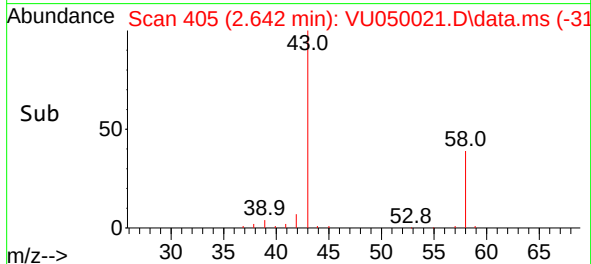
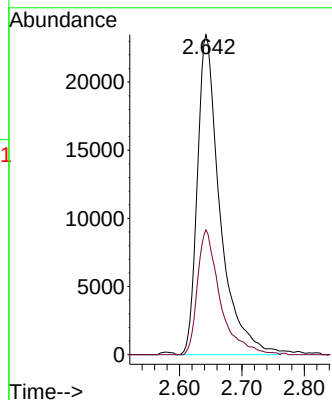
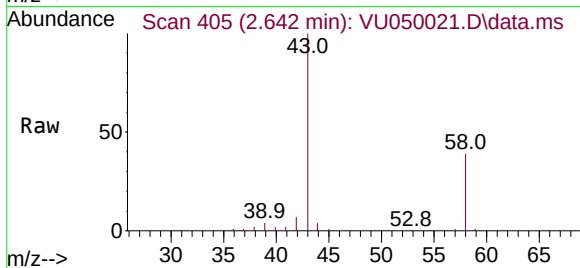
YBEA3MS

Tgt Ion: 43 Resp: 59196

Ion Ratio Lower Upper

43 100

58 39.1 0.0 73.0



#14

Carbon disulfide

Concen: 4.913 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050021.D

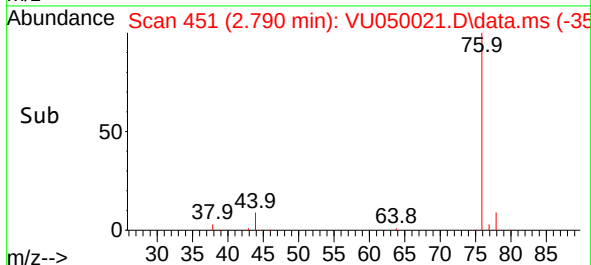
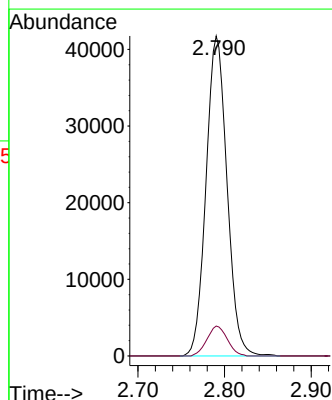
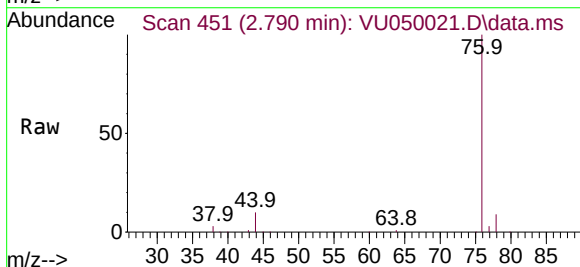
Acq: 29 Jul 2022 06:18

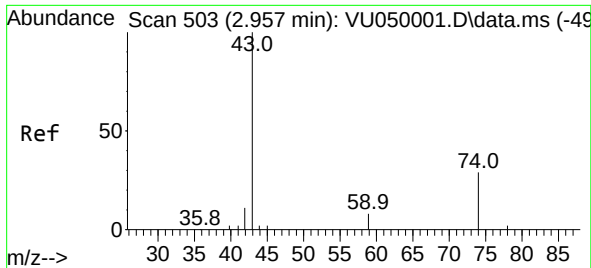
Tgt Ion: 76 Resp: 70154

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

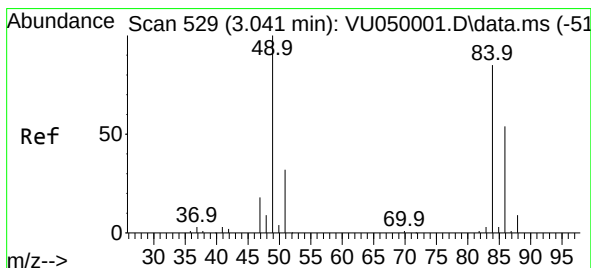
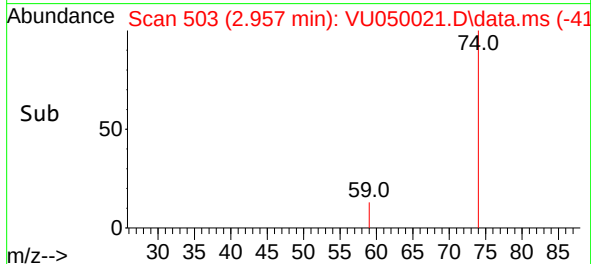
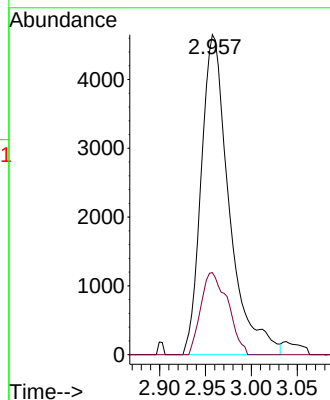
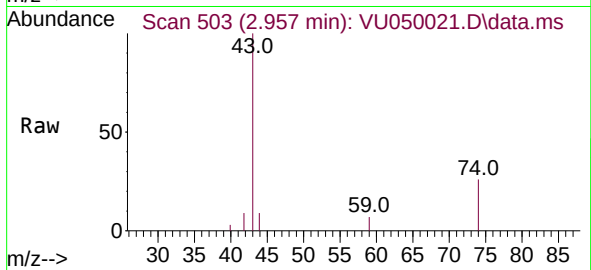




#15
Methyl Acetate
Concen: 4.157 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

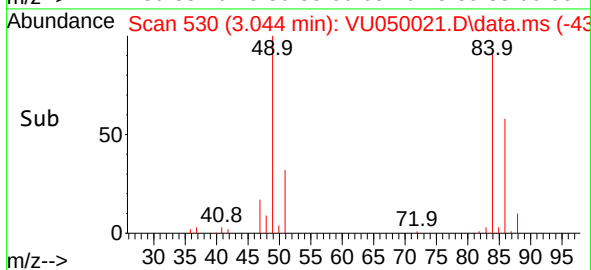
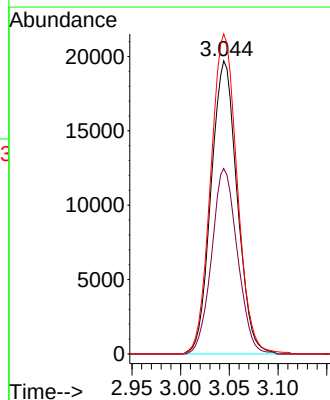
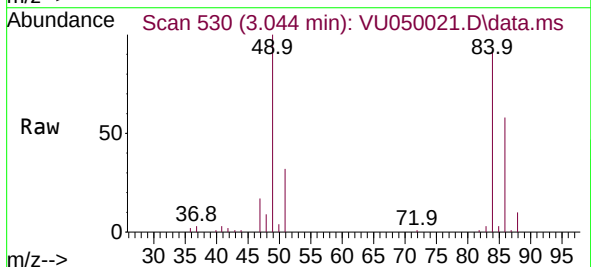
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

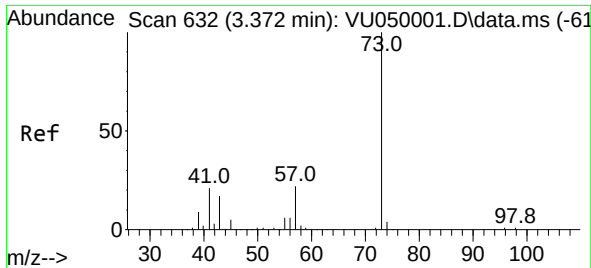
Tgt Ion: 43 Resp: 9868
Ion Ratio Lower Upper
43 100
74 24.8 21.6 32.4



#16
Methylene chloride
Concen: 5.067 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 84 Resp: 36625
Ion Ratio Lower Upper
84 100
86 63.3 45.2 84.0
49 109.2 77.6 144.0

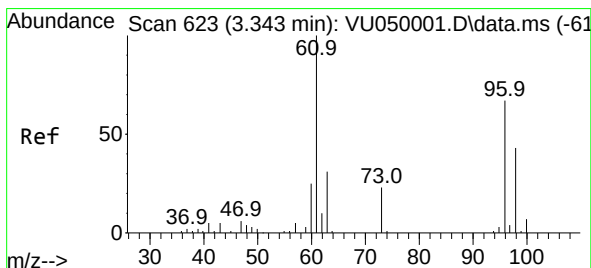
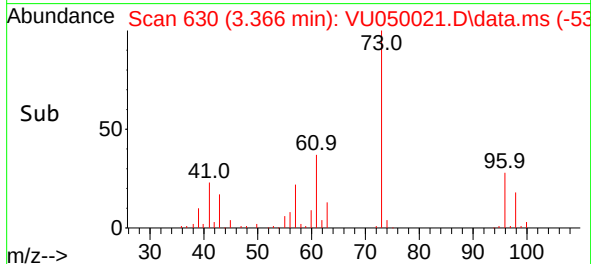
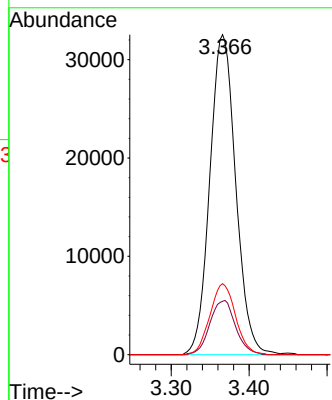
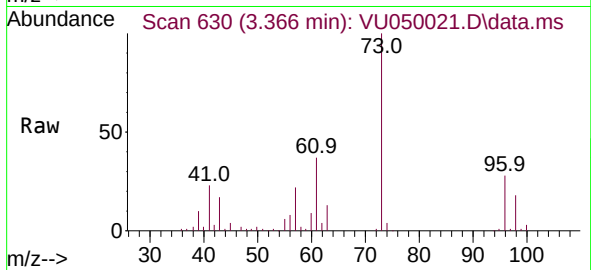




#17
Methyl tert-butyl Ether
Concen: 5.730 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

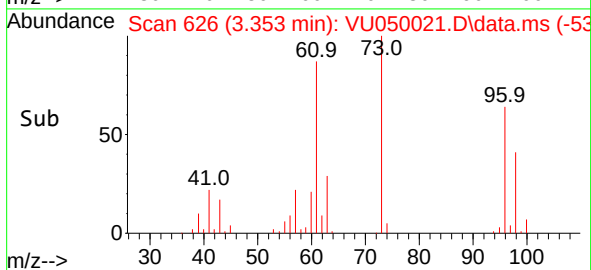
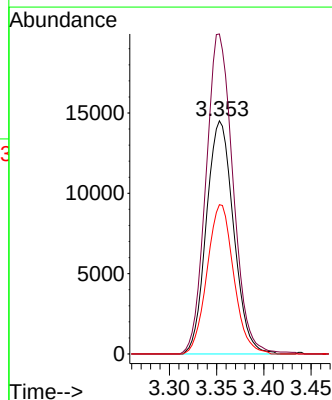
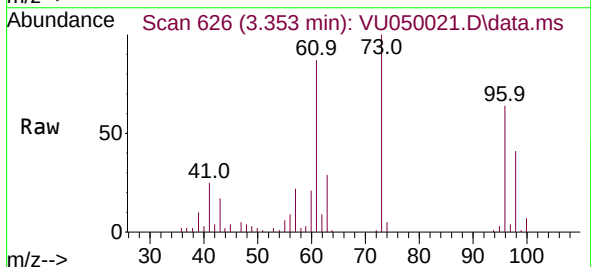
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

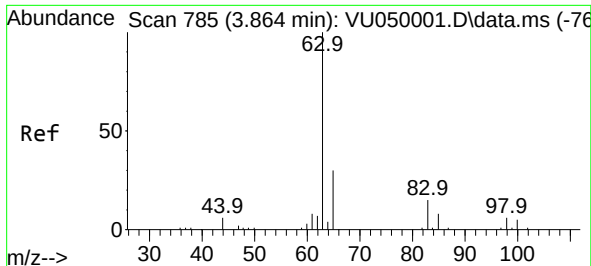
Tgt Ion: 73	Resp:	75303
Ion Ratio	Lower	Upper
73	100	
43	16.8	13.8 20.6
57	21.9	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.623 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.010 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 96	Resp:	29051
Ion Ratio	Lower	Upper
96	100	
61	137.3	98.0 182.0
98	64.1	44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.958 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

YBEA3MS

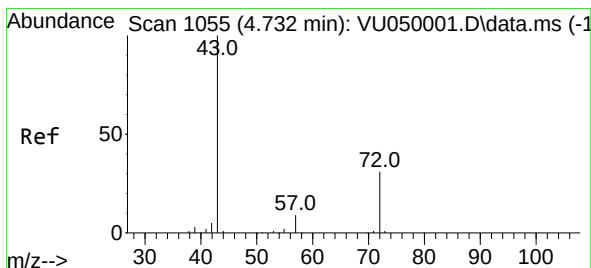
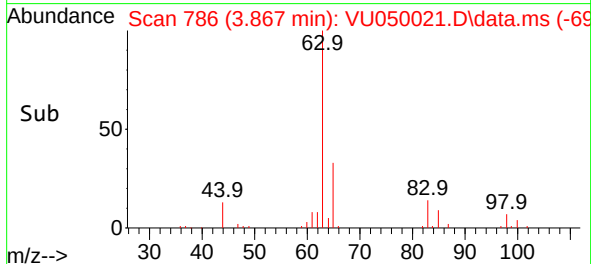
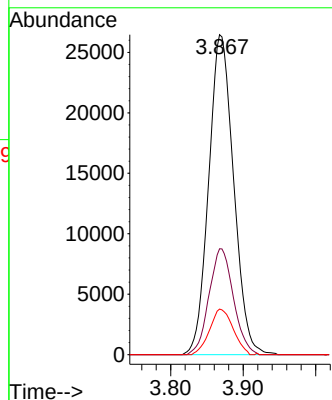
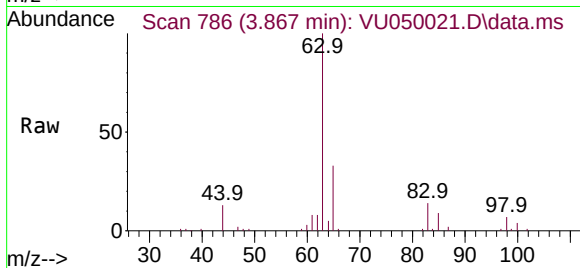
Tgt Ion: 63 Resp: 63147

Ion Ratio Lower Upper

63 100

65 33.1 23.4 43.6

83 14.3 9.4 17.4



#21

2-Butanone

Concen: 64.349 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.019 min

Lab File: VU050021.D

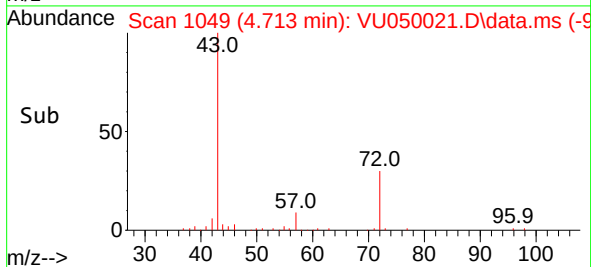
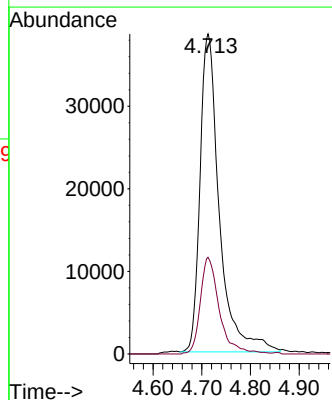
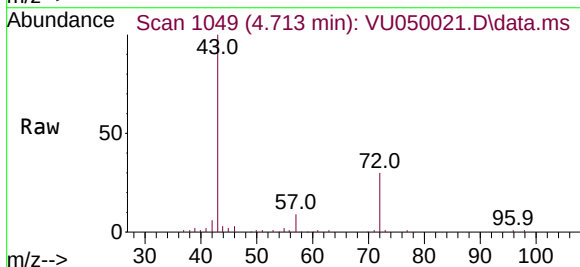
Acq: 29 Jul 2022 06:18

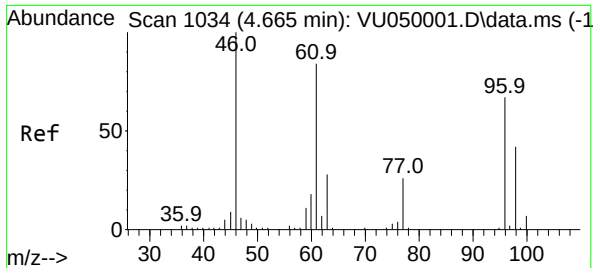
Tgt Ion: 43 Resp: 106051

Ion Ratio Lower Upper

43 100

72 29.4 15.8 47.3

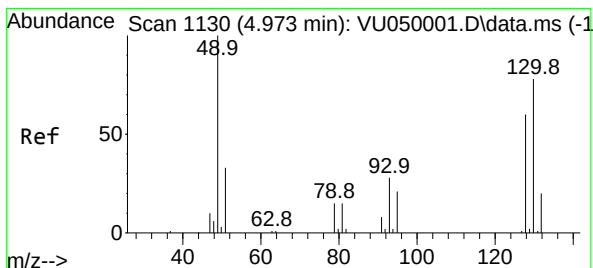
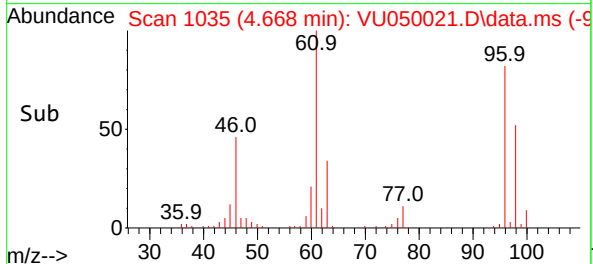
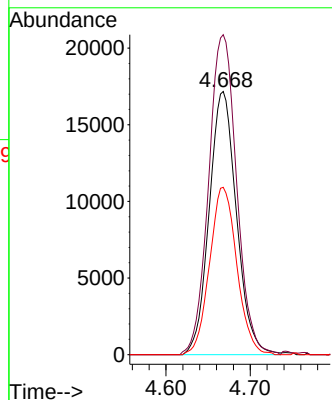
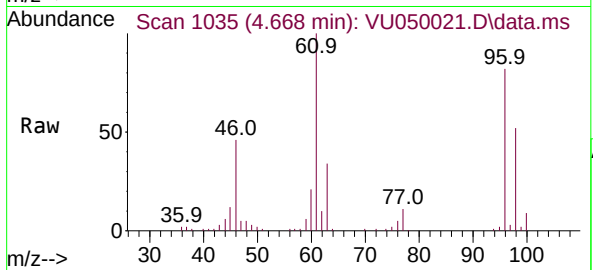




#22
 cis-1,2-Dichloroethene
 Concen: 6.265 ug/L
 RT: 4.668 min Scan# 1103
 Delta R.T. 0.003 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

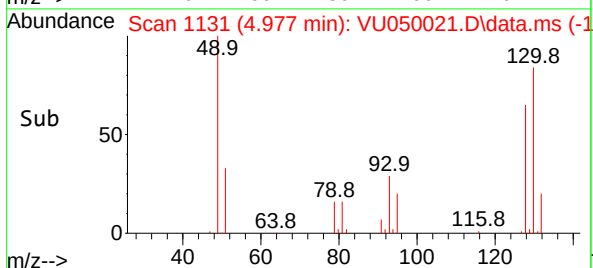
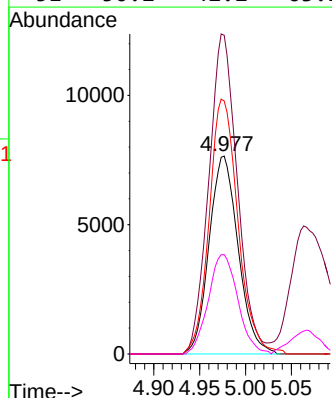
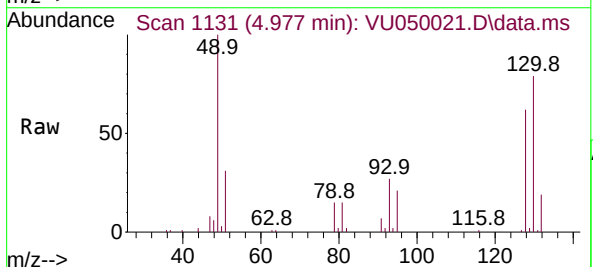
Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3MS

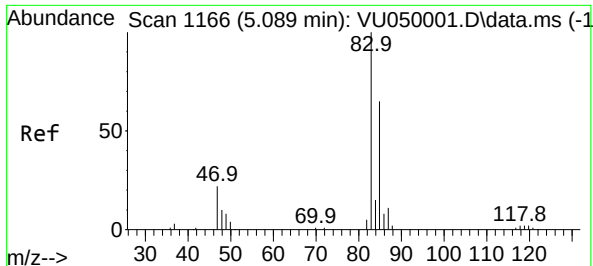
Tgt Ion: 96 Resp: 38695
 Ion Ratio Lower Upper
 96 100
 61 121.6 87.2 161.9
 98 63.6 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.966 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

Tgt Ion: 128 Resp: 16873
 Ion Ratio Lower Upper
 128 100
 49 161.0 111.4 207.0
 130 127.8 88.7 164.7
 51 50.2 42.2 63.2





#25

Chloroform

Concen: 6.049 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

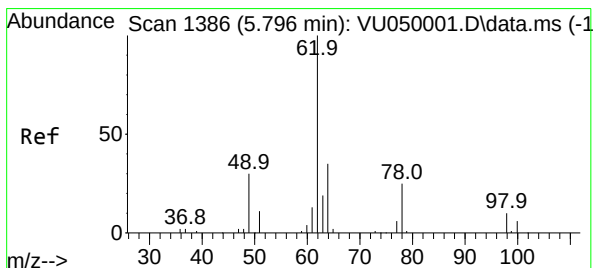
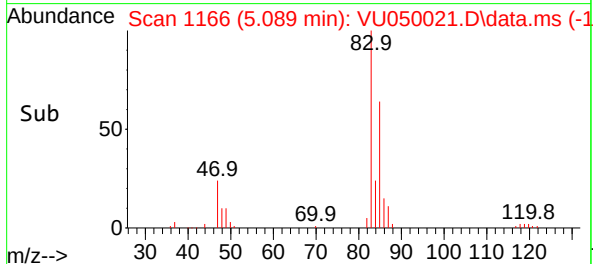
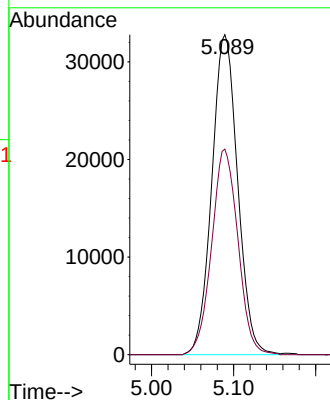
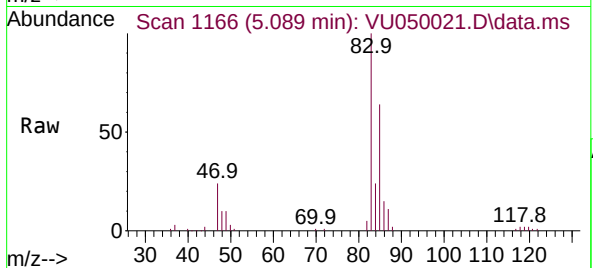
YBEA3MS

Tgt Ion: 83 Resp: 71858

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 6.074 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050021.D

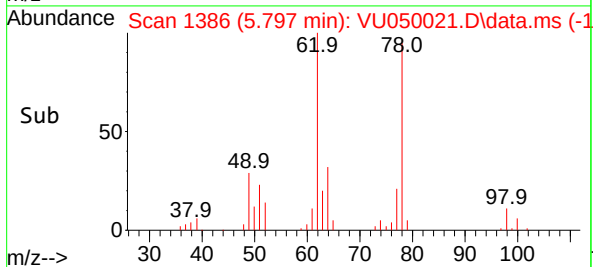
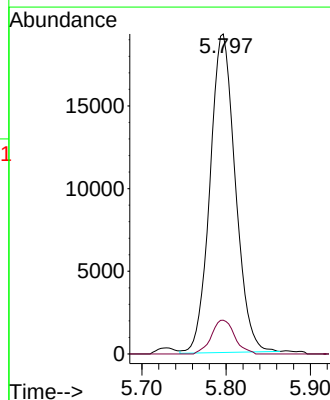
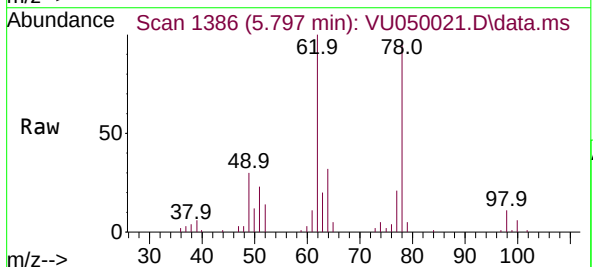
Acq: 29 Jul 2022 06:18

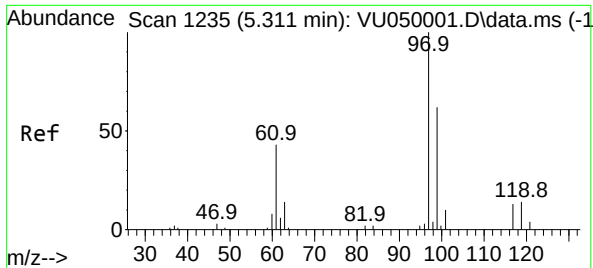
Tgt Ion: 62 Resp: 40265

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9

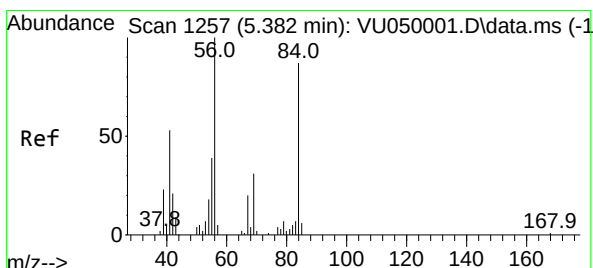
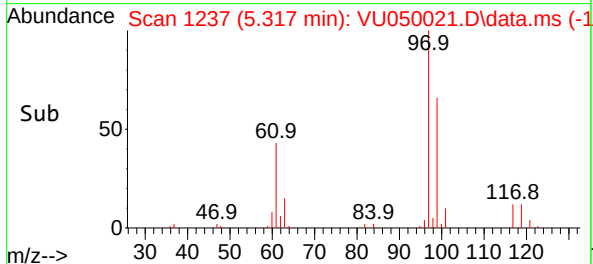
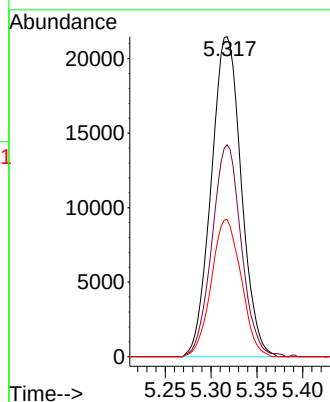
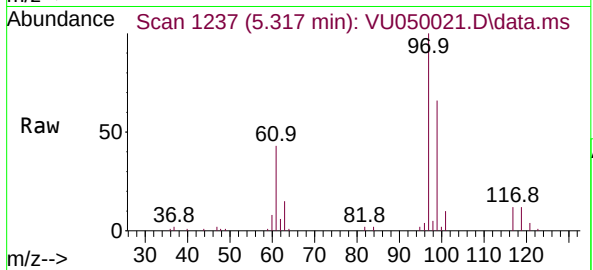




#29
1,1,1-Trichloroethane
Concen: 5.482 ug/L
RT: 5.317 min Scan# 1235
Delta R.T. 0.007 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

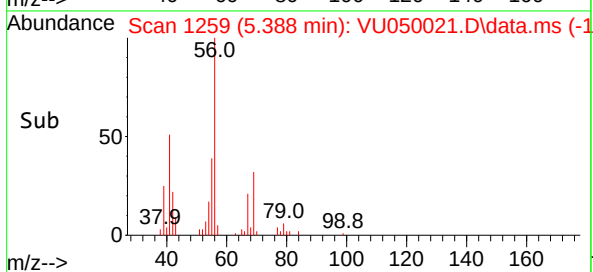
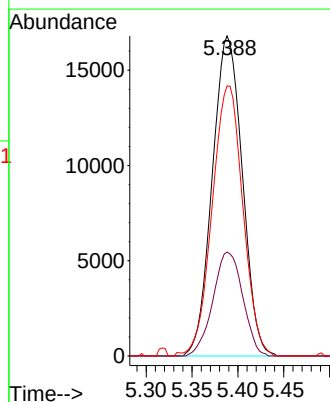
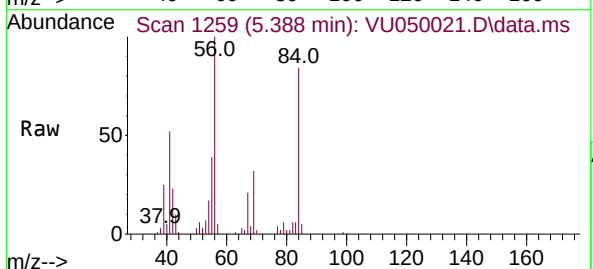
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

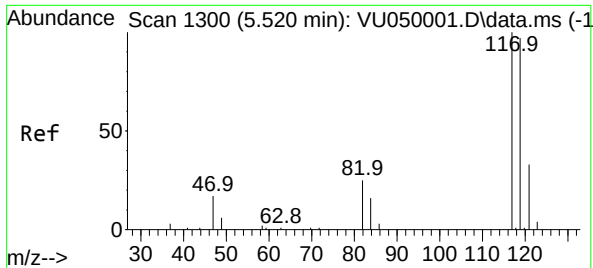
Tgt Ion:	97	Resp:	48951
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	42.5	35.0	52.6



#30
Cyclohexane
Concen: 5.073 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion:	56	Resp:	38235
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.1	37.7
84	86.4	70.1	105.1

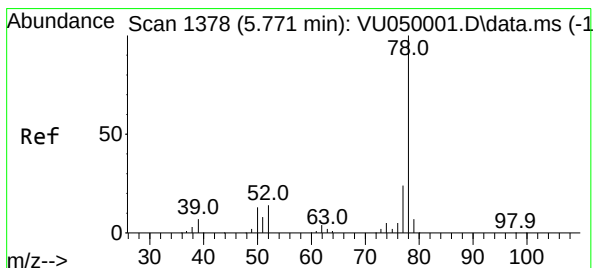
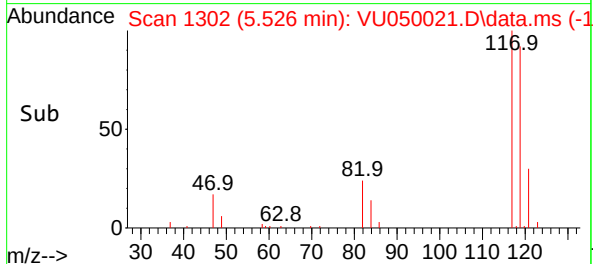
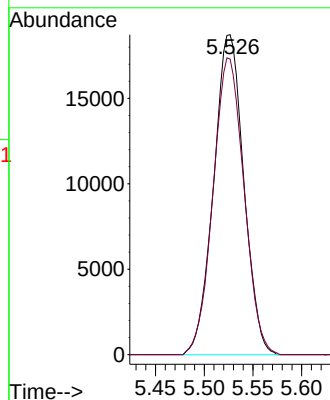
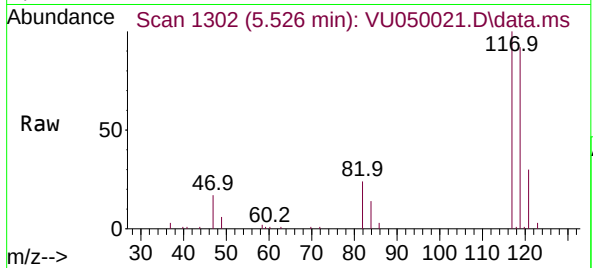




#31
Carbon tetrachloride
Concen: 5.548 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.007 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

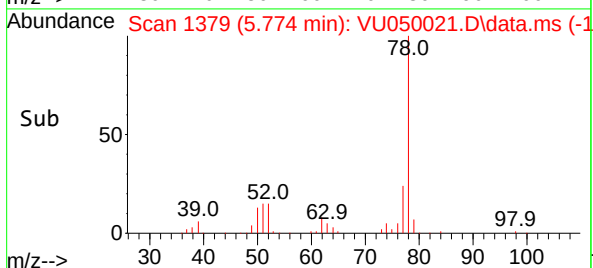
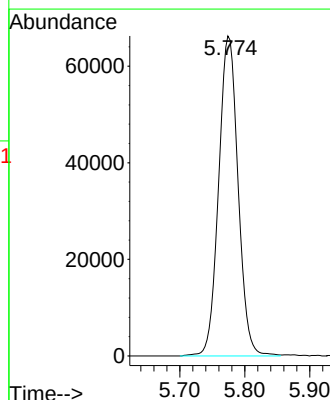
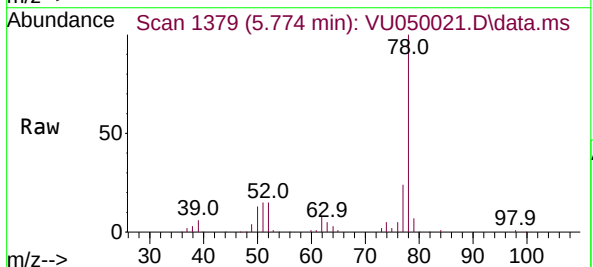
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

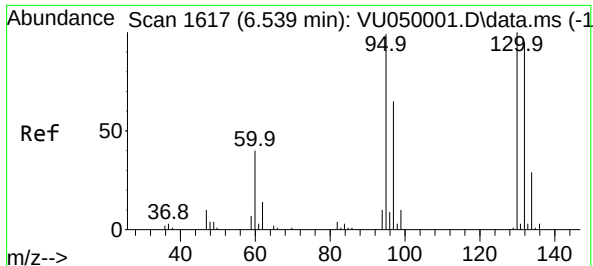
Tgt Ion:117 Resp: 40246
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#33
Benzene
Concen: 5.590 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 78 Resp: 137215

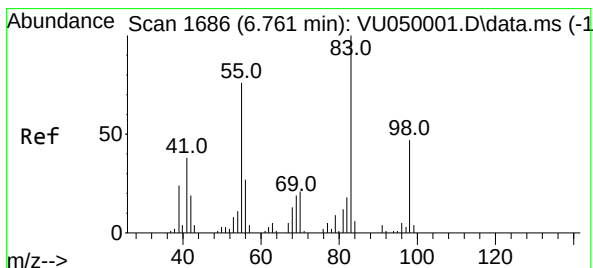
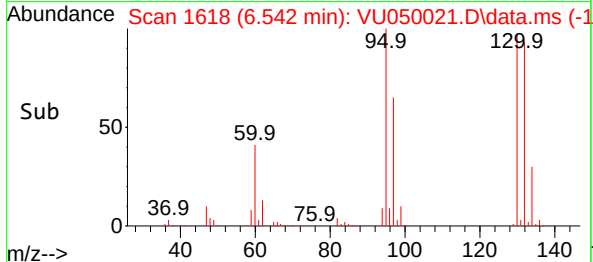
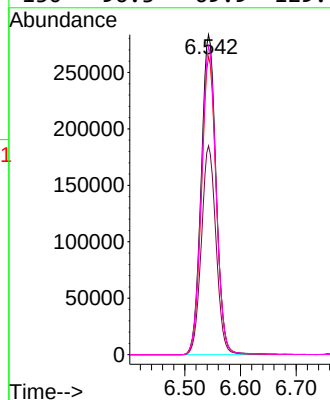
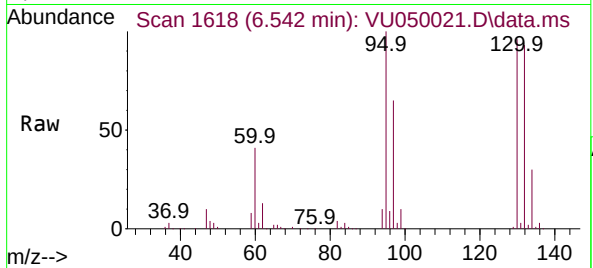




#34
Trichloroethene
Concen: 88.385 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

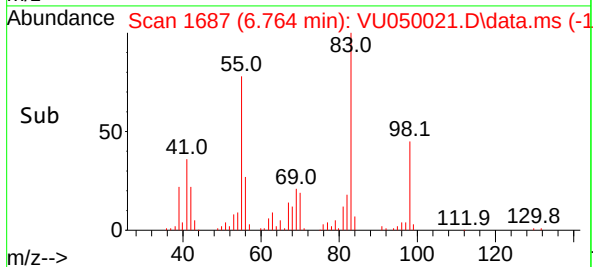
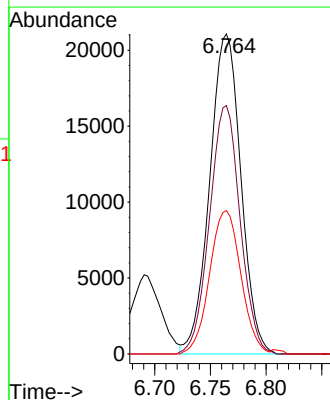
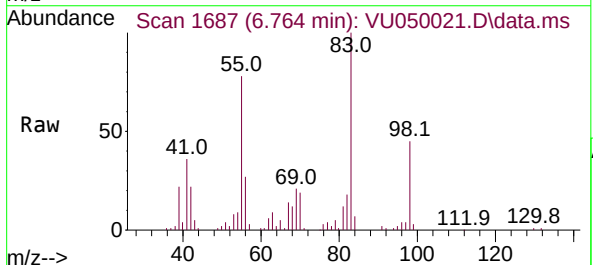
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

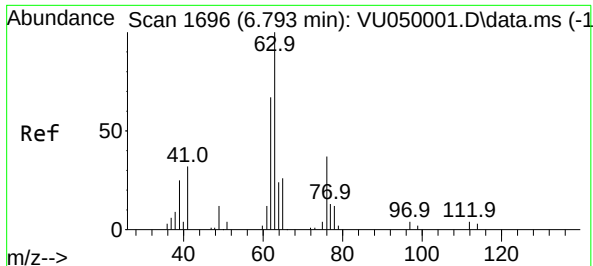
Tgt Ion: 95 Resp: 527331
Ion Ratio Lower Upper
95 100
97 65.3 45.6 84.8
132 93.1 66.8 124.2
130 96.3 69.9 129.7



#35
Methylcyclohexane
Concen: 5.221 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 83 Resp: 41086
Ion Ratio Lower Upper
83 100
55 76.1 61.6 92.4
98 44.9 34.8 52.2





#37

1,2-Dichloropropane

Concen: 5.641 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

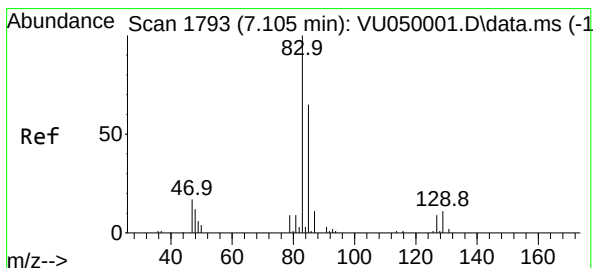
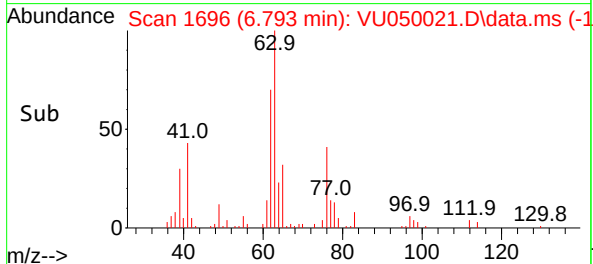
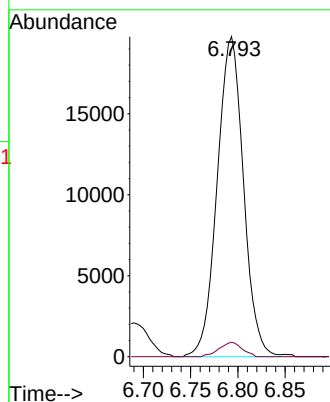
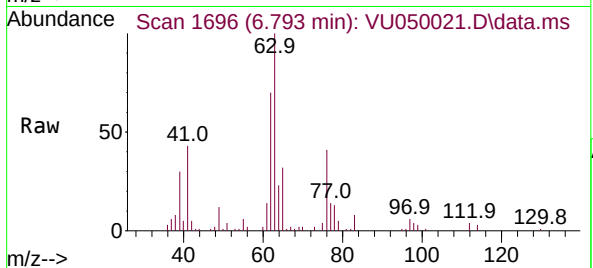
YBEA3MS

Tgt Ion: 63 Resp: 38161

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 5.862 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

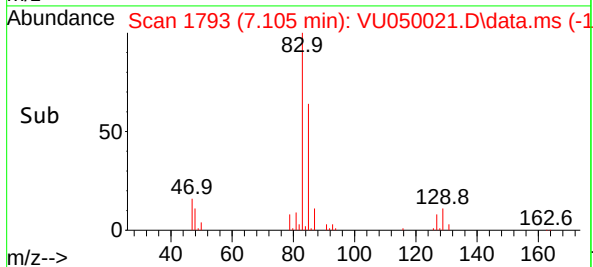
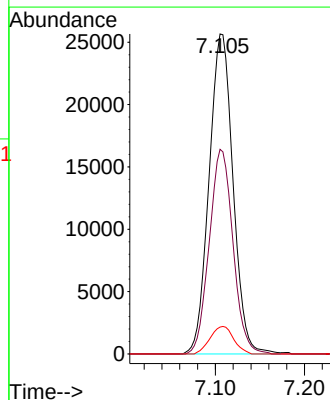
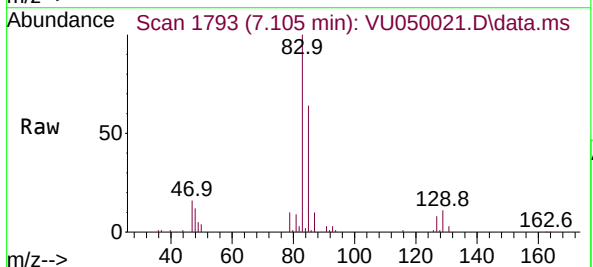
Tgt Ion: 83 Resp: 47977

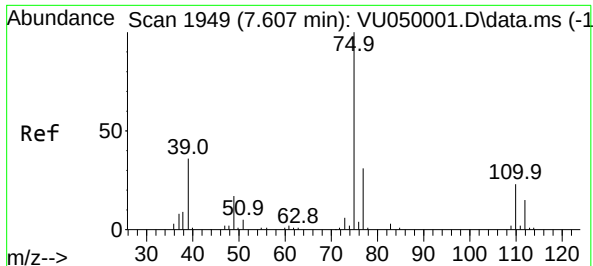
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.804 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

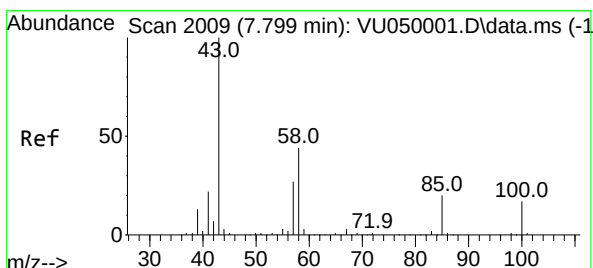
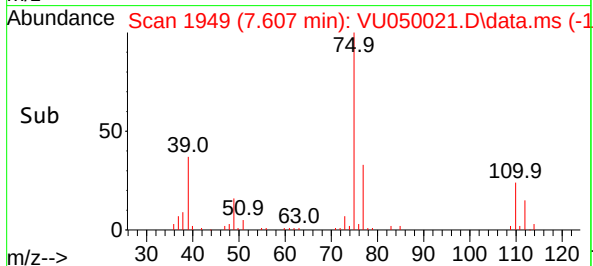
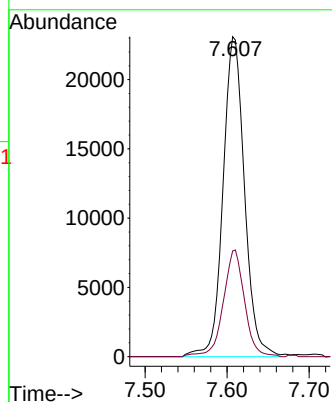
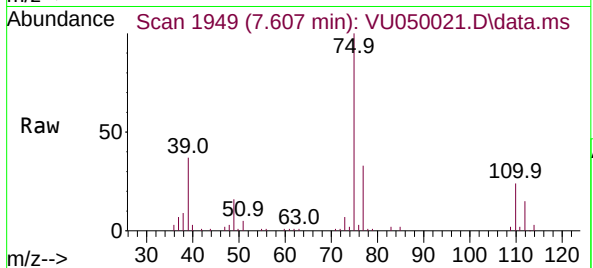
YBEA3MS

Tgt Ion: 75 Resp: 42050

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.638 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.006 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

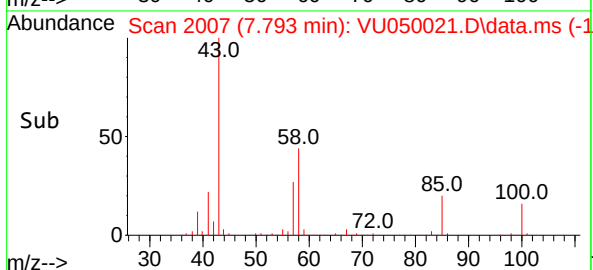
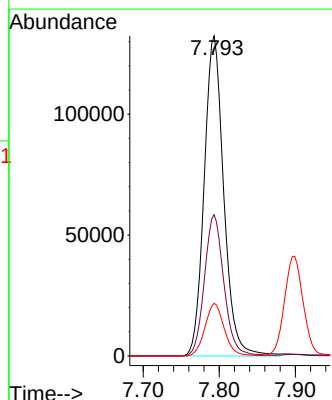
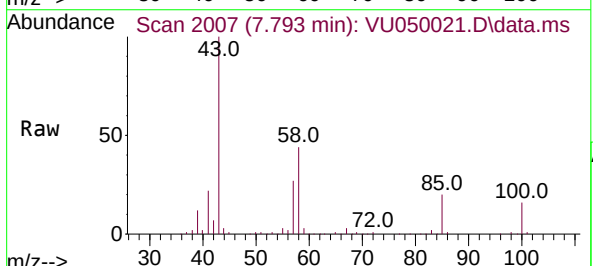
Tgt Ion: 43 Resp: 237003

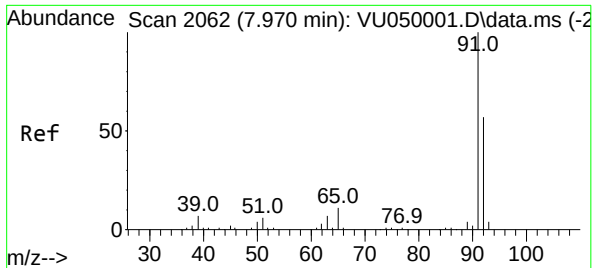
Ion Ratio Lower Upper

43 100

58 44.0 35.5 53.3

100 16.2 13.2 19.8





#42

Toluene

Concen: 5.655 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

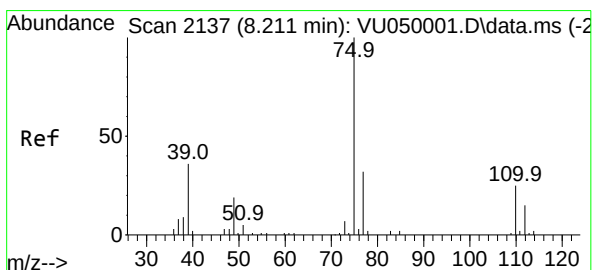
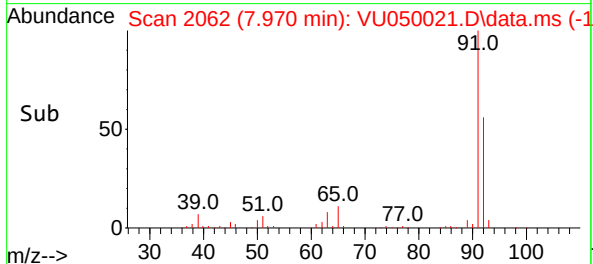
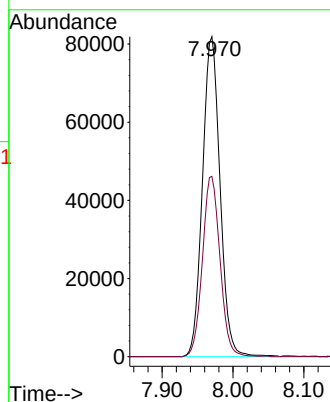
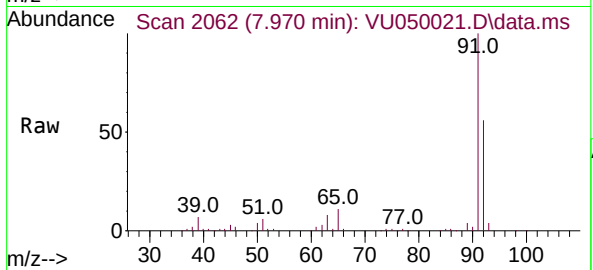
YBEA3MS

Tgt Ion: 91 Resp: 141147

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.953 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050021.D

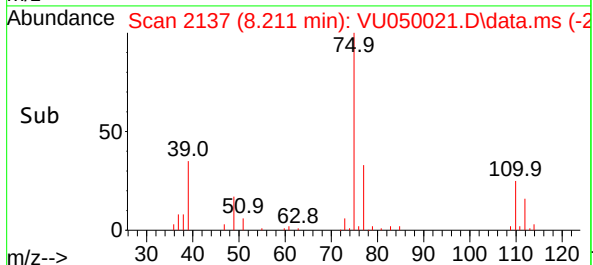
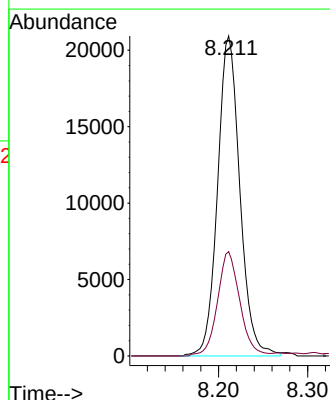
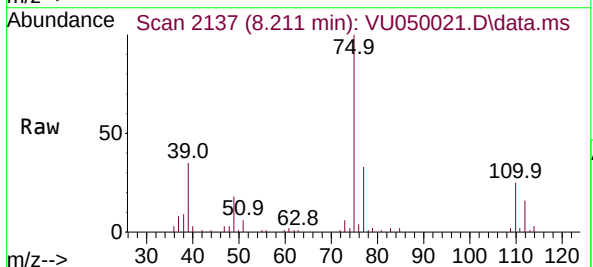
Acq: 29 Jul 2022 06:18

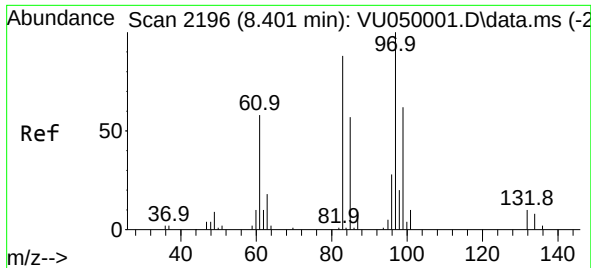
Tgt Ion: 75 Resp: 36407

Ion Ratio Lower Upper

75 100

77 32.6 24.1 44.8

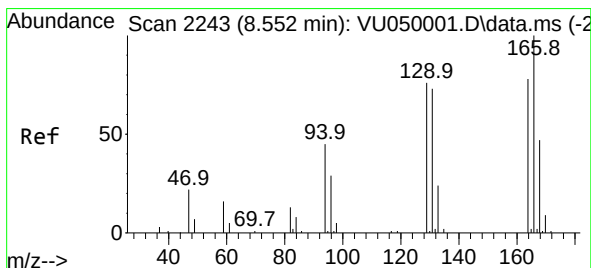
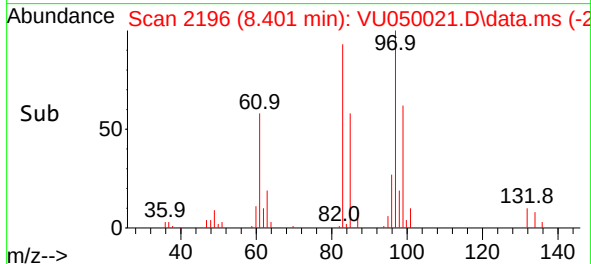
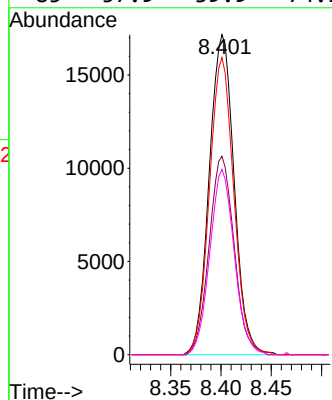
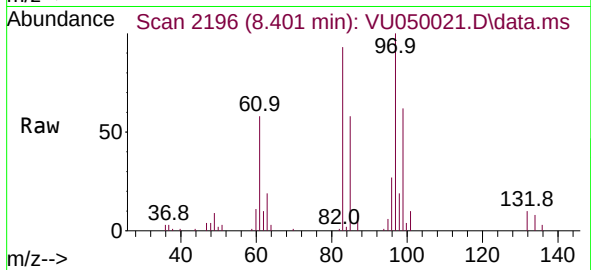




#45
1,1,2-Trichloroethane
Concen: 5.839 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

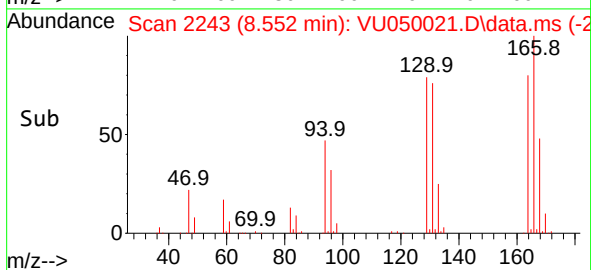
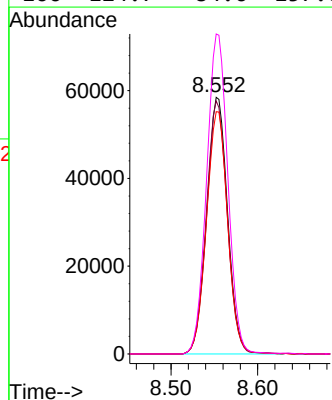
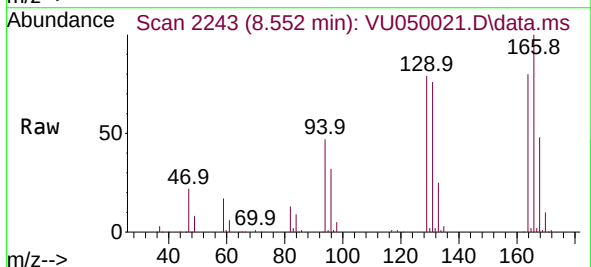
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

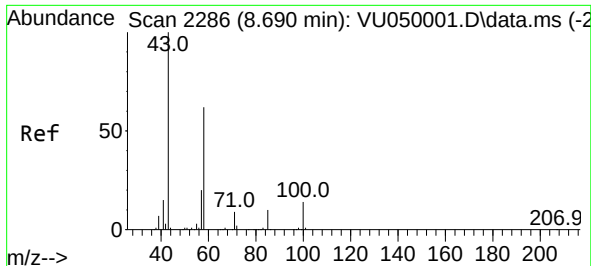
Tgt Ion:	97	Resp:	29513
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.5	80.9
83	92.9	59.9	111.3
85	57.9	39.9	74.1



#47
Tetrachloroethene
Concen: 22.860 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion:	164	Resp:	98159
Ion	Ratio	Lower	Upper
164	100		
129	98.5	66.3	123.1
131	94.4	63.1	117.1
166	124.7	84.6	157.0

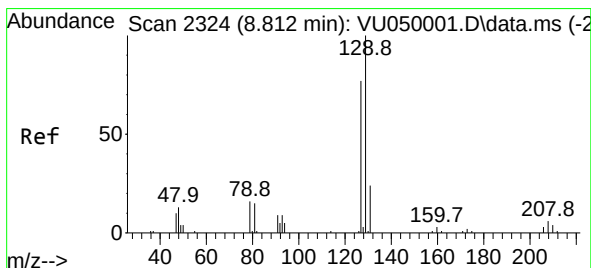
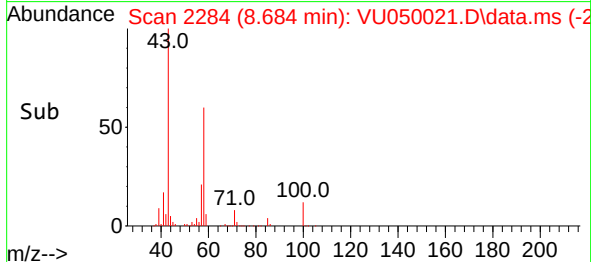
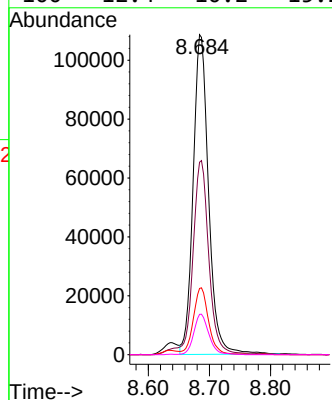
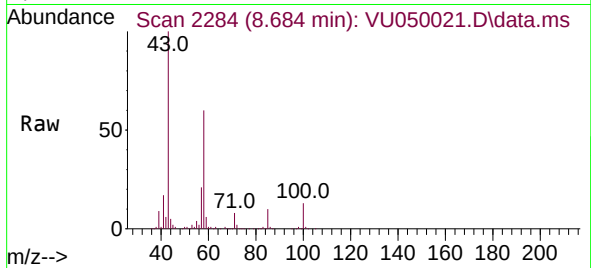




#48
2-Hexanone
Concen: 63.969 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

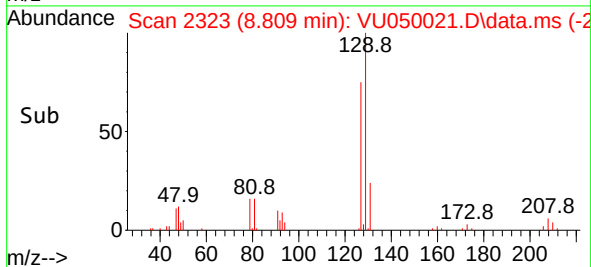
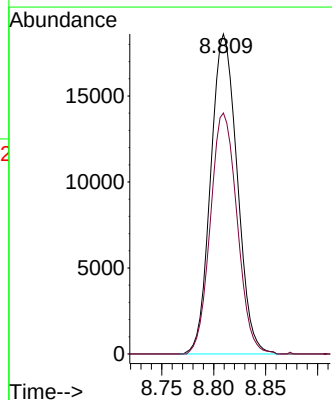
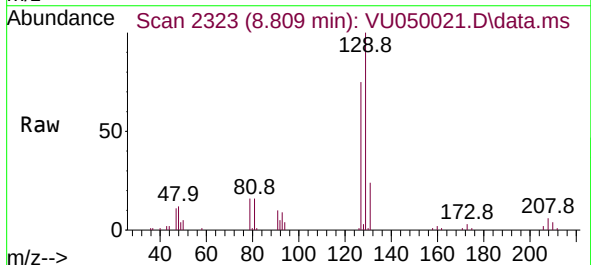
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

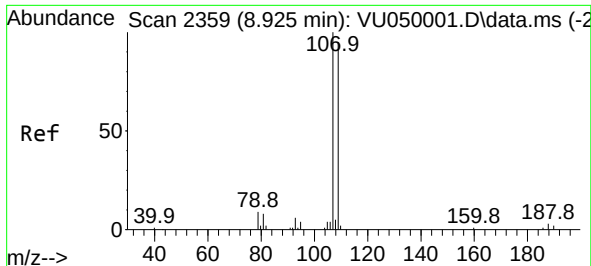
Tgt Ion: 43 Resp: 190590
Ion Ratio Lower Upper
43 100
58 63.0 49.4 74.0
57 20.6 17.0 25.4
100 12.4 10.2 15.2



#49
Dibromochloromethane
Concen: 5.955 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 129 Resp: 32938
Ion Ratio Lower Upper
129 100
127 75.3 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.775 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

YBEA3MS

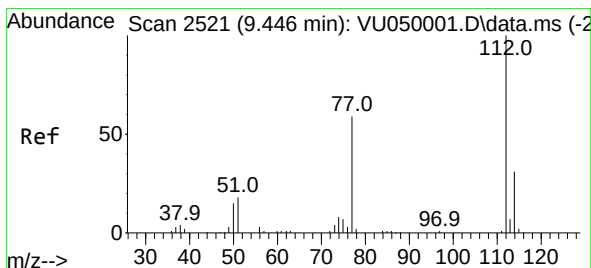
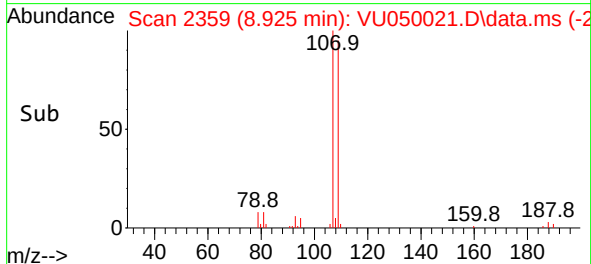
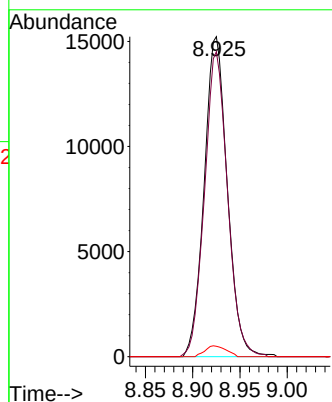
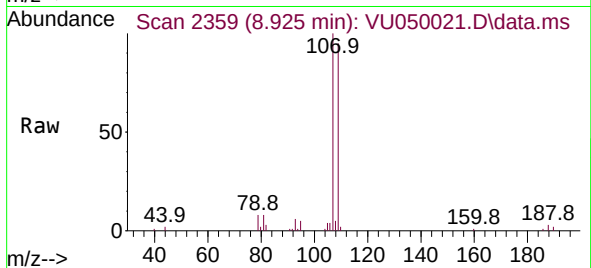
Tgt Ion:107 Resp: 25920

Ion Ratio Lower Upper

107 100

109 95.3 62.7 116.5

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 5.482 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

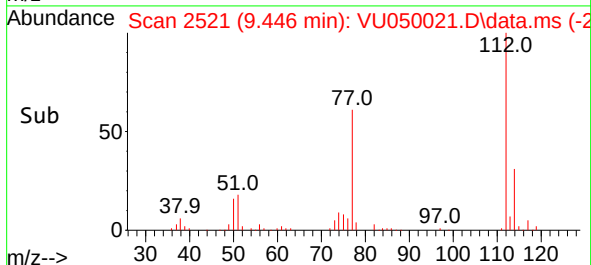
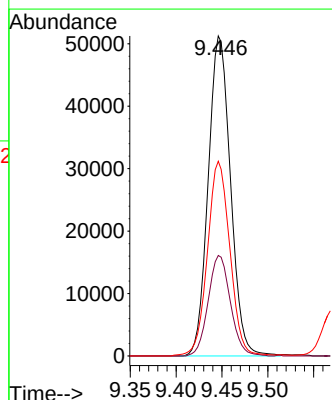
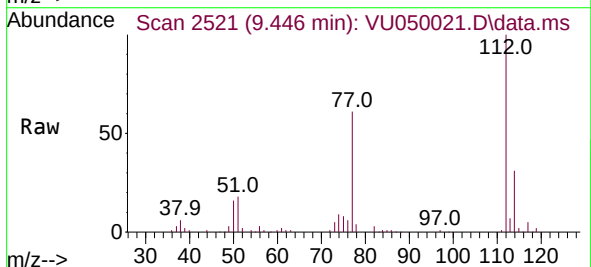
Tgt Ion:112 Resp: 86845

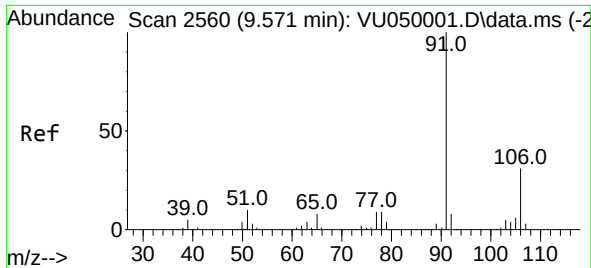
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 60.9 48.2 72.4

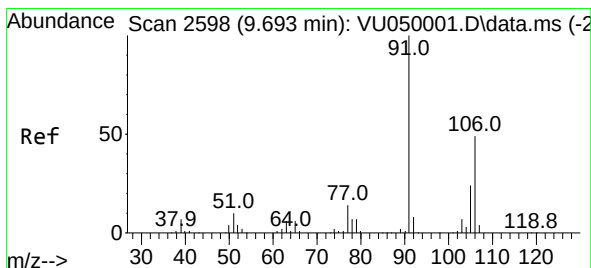
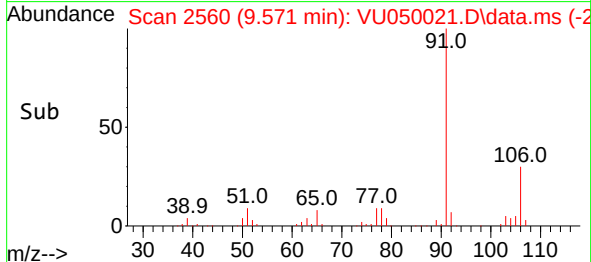
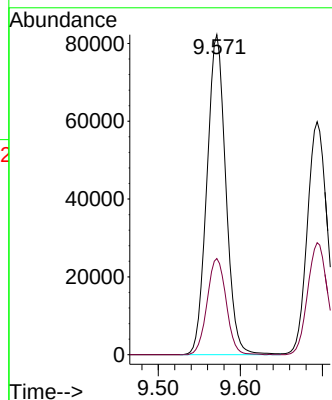
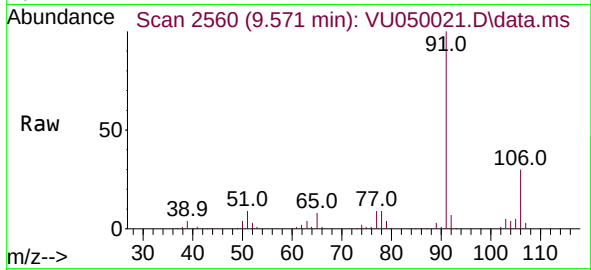




#52
Ethylbenzene
Concen: 5.386 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

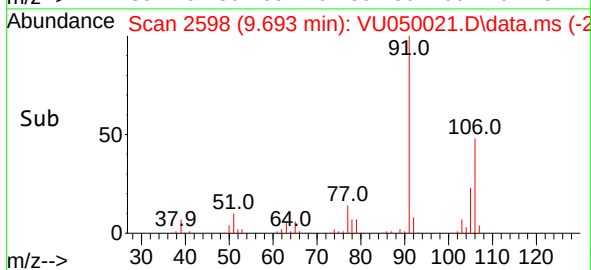
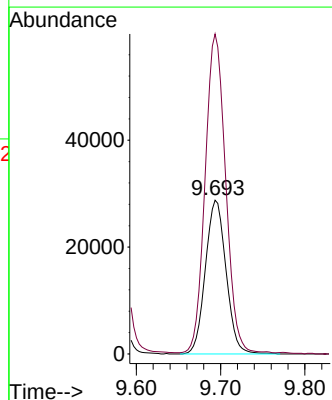
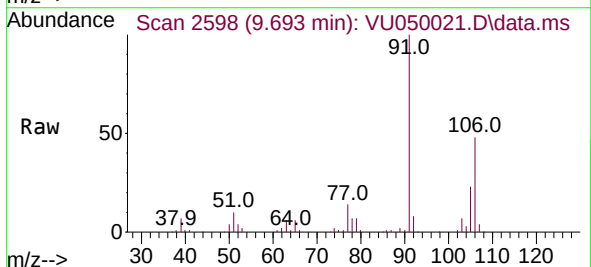
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

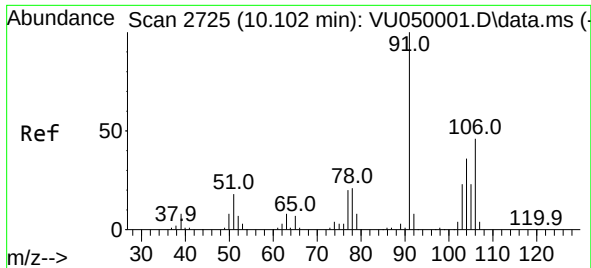
Tgt Ion: 91 Resp: 131677
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 5.285 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 106 Resp: 49201
Ion Ratio Lower Upper
106 100
91 208.0 142.4 264.4

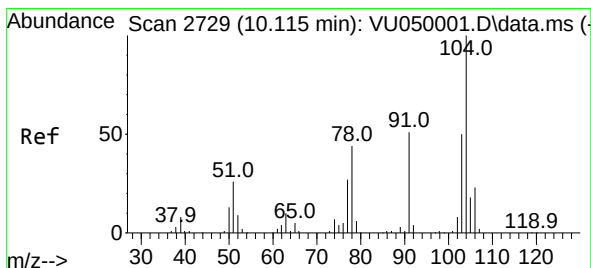
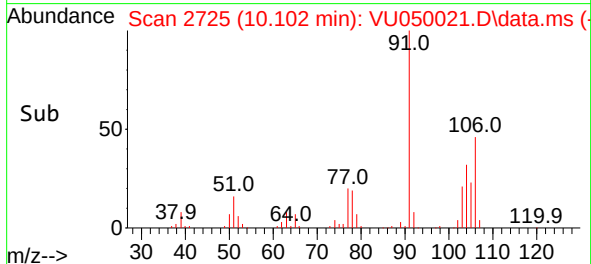
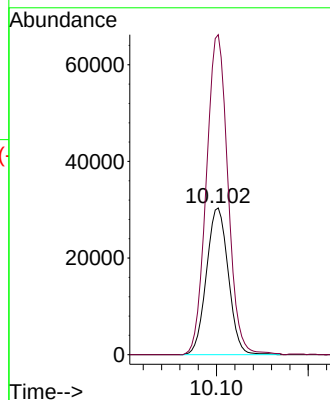
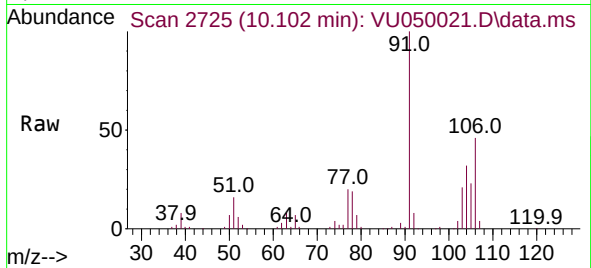




#54
o-Xylene
Concen: 5.578 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

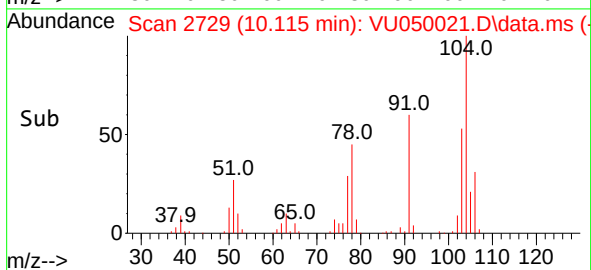
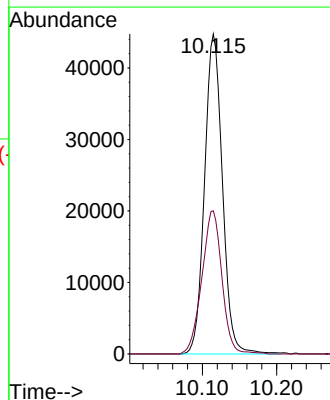
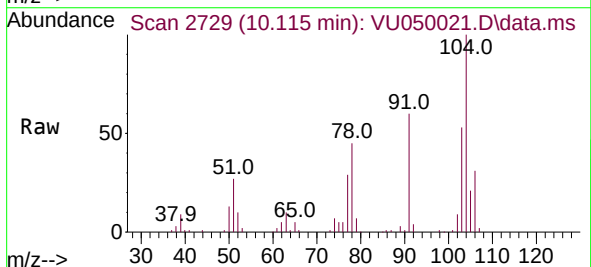
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

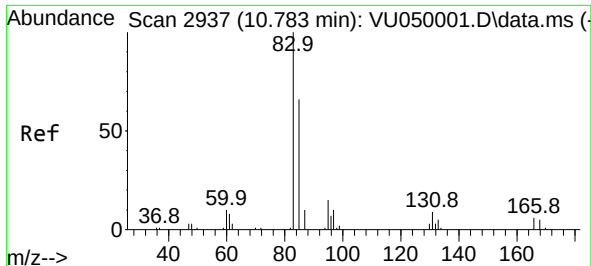
Tgt Ion:106 Resp: 50347
Ion Ratio Lower Upper
106 100
91 218.2 148.7 276.1



#55
Styrene
Concen: 4.861 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion:104 Resp: 74736
Ion Ratio Lower Upper
104 100
78 44.8 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.965 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

YBEA3MS

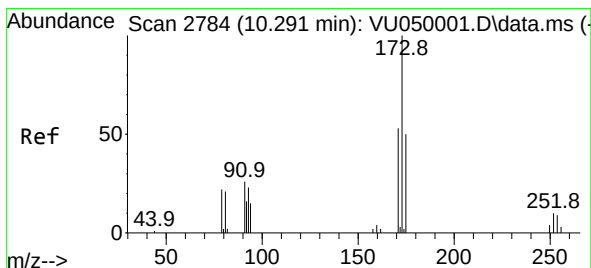
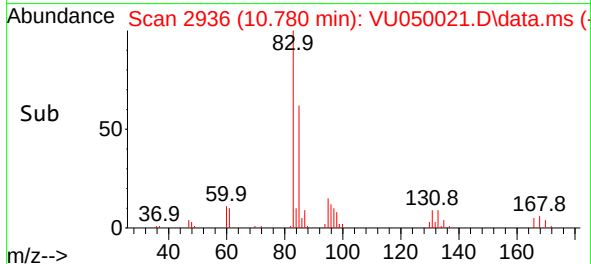
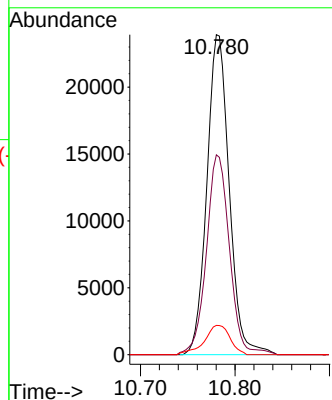
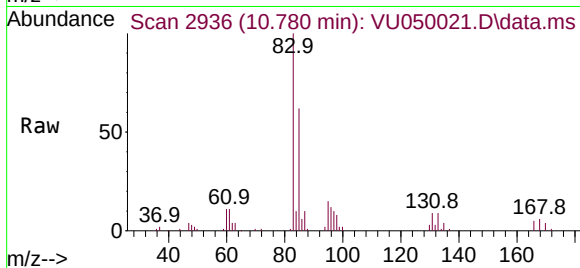
Tgt Ion: 83 Resp: 39244

Ion Ratio Lower Upper

83 100

85 62.5 46.6 86.6

131 9.2 7.9 11.9



#59

Bromoform

Concen: 5.893 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

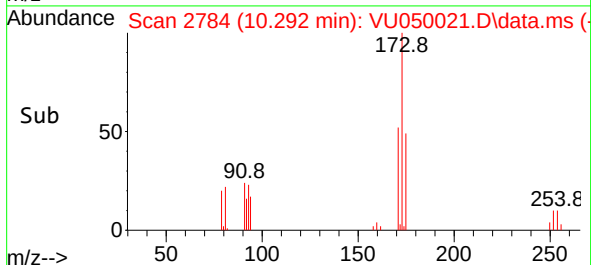
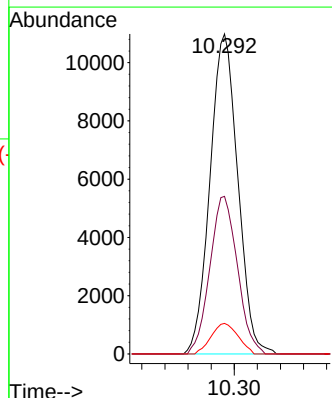
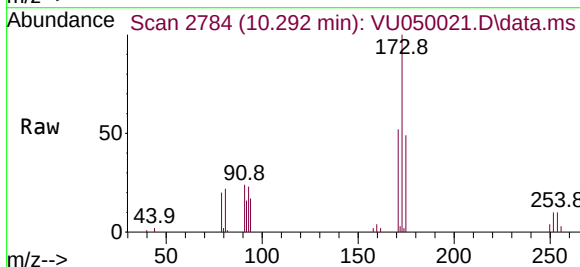
Tgt Ion: 173 Resp: 18334

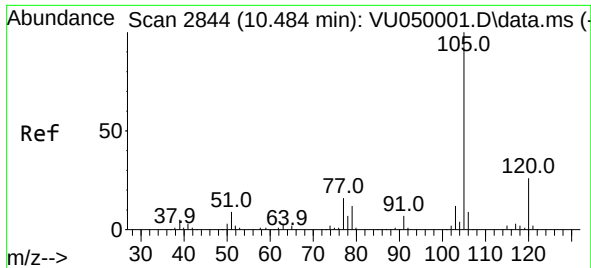
Ion Ratio Lower Upper

173 100

175 48.8 39.1 58.7

254 9.2 7.5 11.3

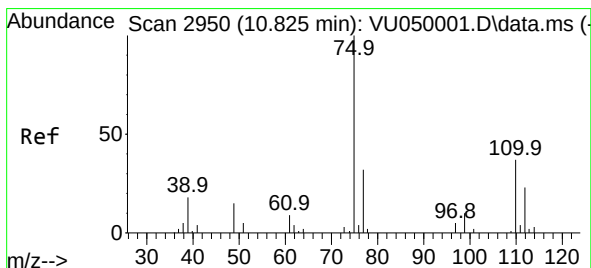
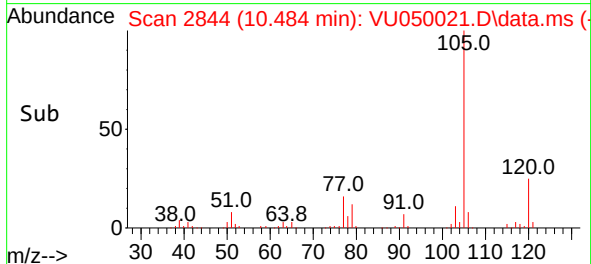
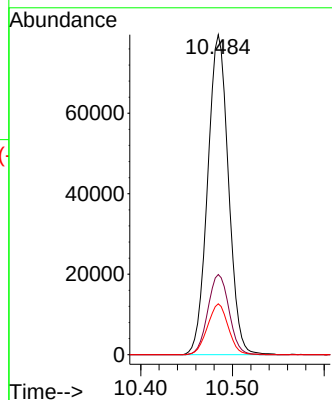
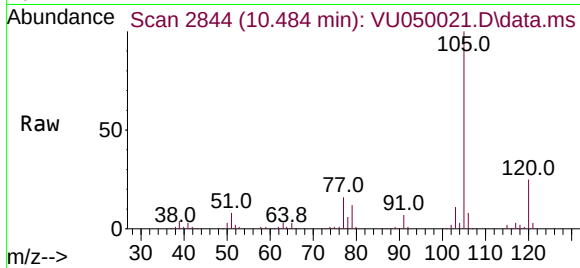




#60
Isopropylbenzene
Concen: 5.475 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

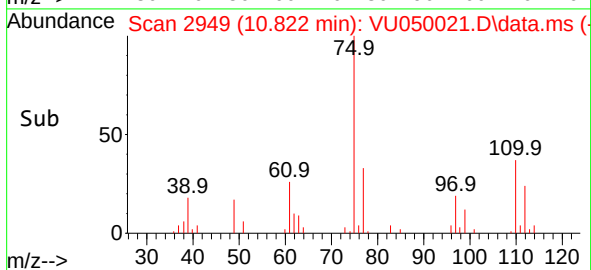
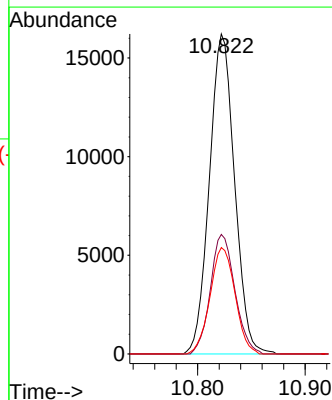
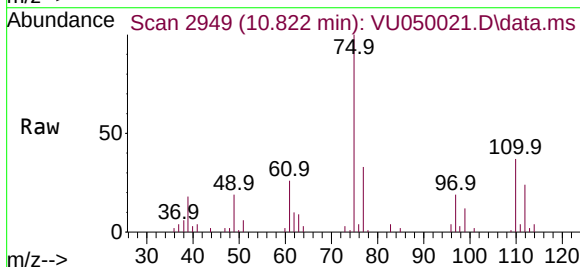
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

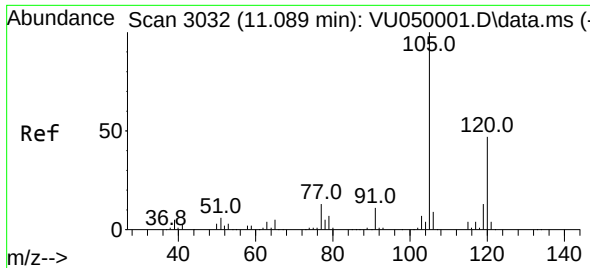
Tgt Ion:105 Resp: 125184
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.871 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion: 75 Resp: 26392
Ion Ratio Lower Upper
75 100
110 36.4 28.1 42.1
77 33.0 24.7 37.1

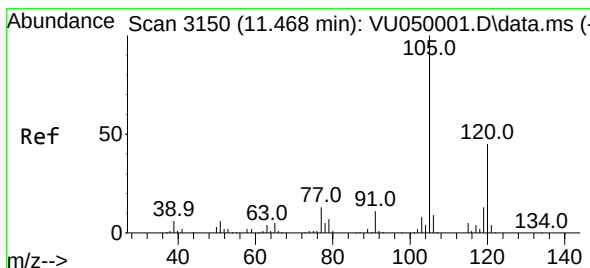
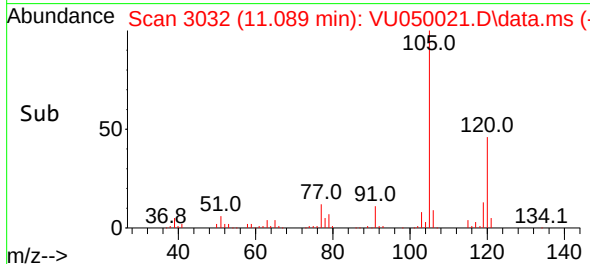
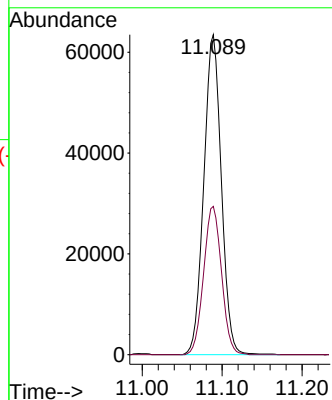
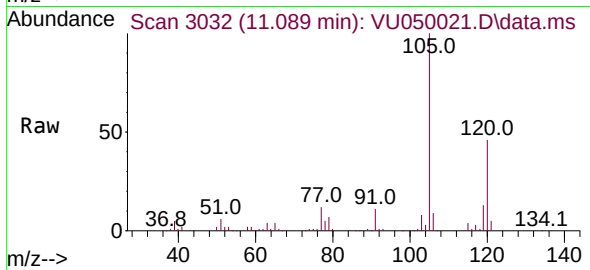




#62
 1,3,5-Trimethylbenzene
 Concen: 5.219 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

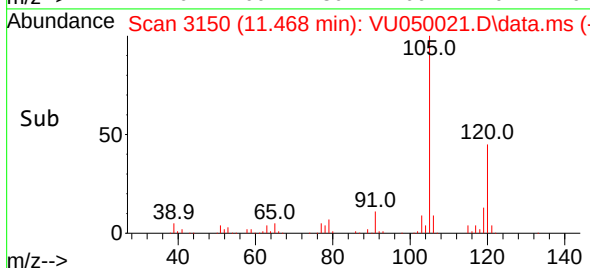
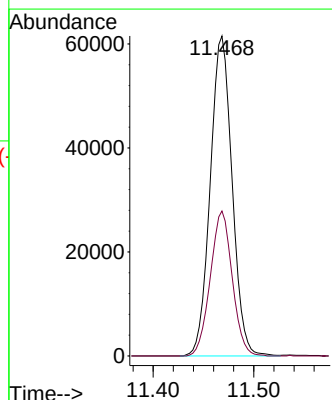
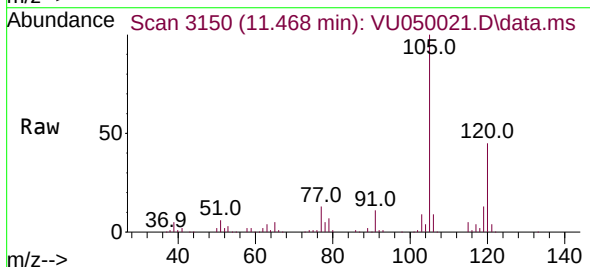
Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3MS

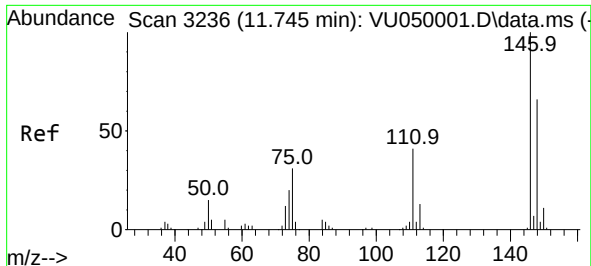
Tgt Ion:105 Resp: 96952
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.163 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

Tgt Ion:105 Resp: 92941
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.4 53.2

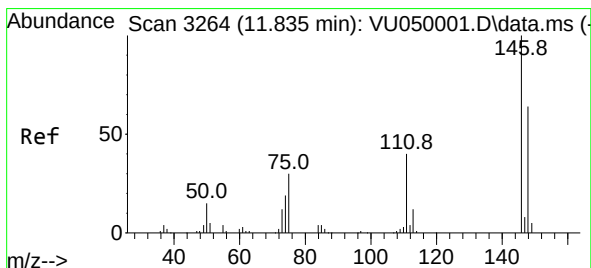
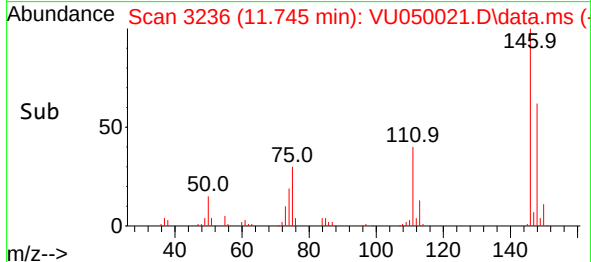
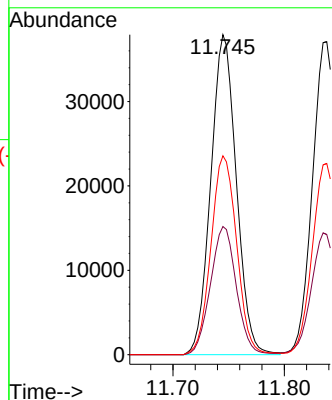
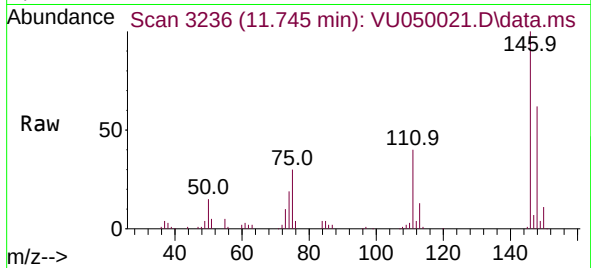




#64
1,3-Dichlorobenzene
Concen: 5.521 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

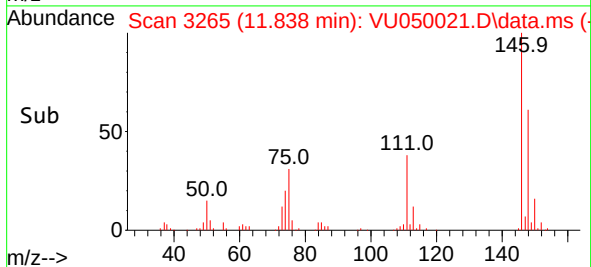
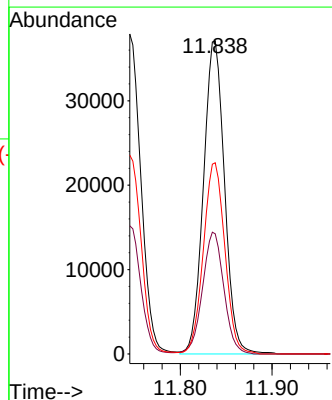
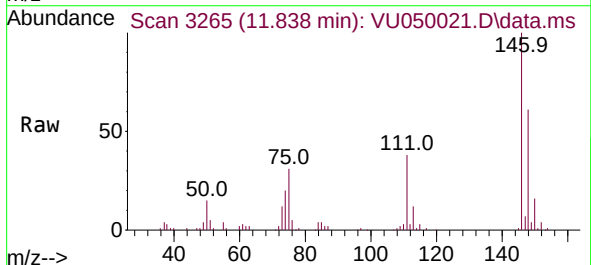
Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

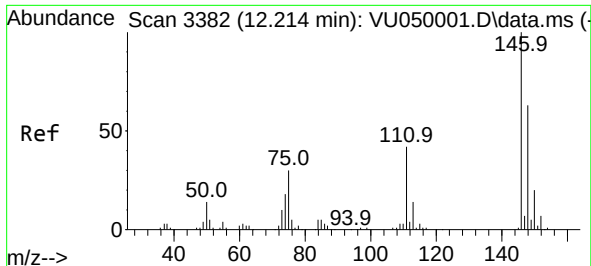
Tgt Ion:146 Resp: 60445
Ion Ratio Lower Upper
146 100
111 40.0 28.9 53.7
148 62.1 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 5.473 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion:146 Resp: 59289
Ion Ratio Lower Upper
146 100
111 38.4 26.4 49.0
148 61.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.643 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

Instrument :

MSVOA_U

ClientSampleId :

YBEA3MS

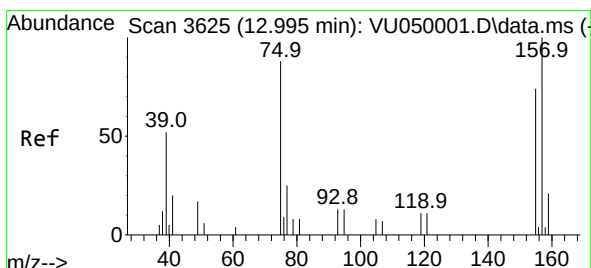
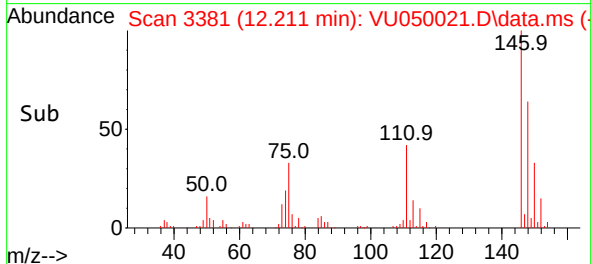
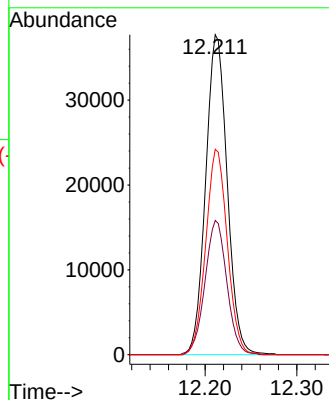
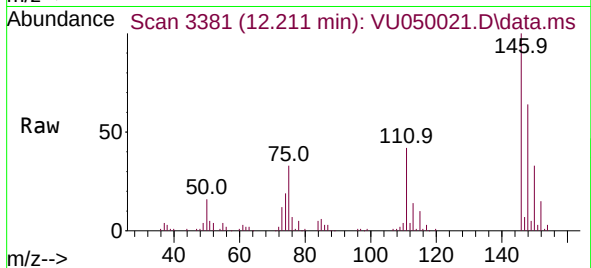
Tgt Ion:146 Resp: 61385

Ion Ratio Lower Upper

146 100

111 41.9 33.4 50.2

148 64.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 6.123 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050021.D

Acq: 29 Jul 2022 06:18

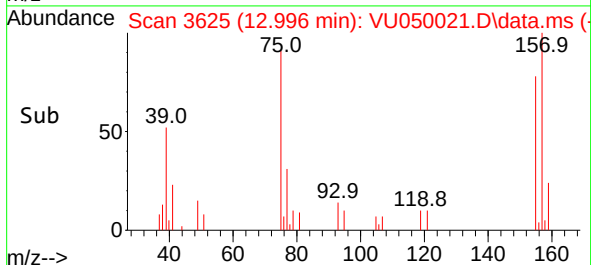
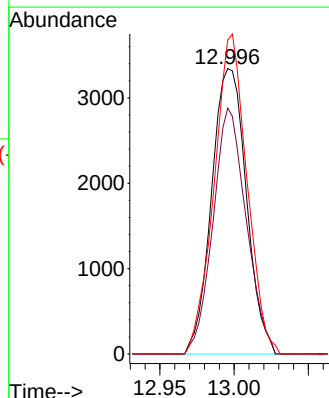
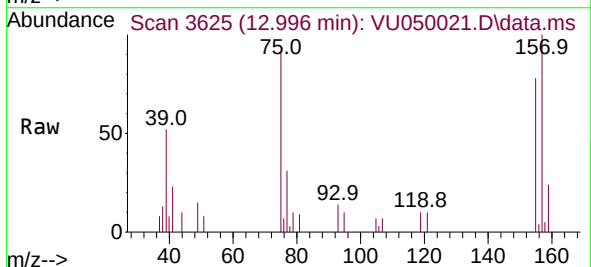
Tgt Ion: 75 Resp: 5437

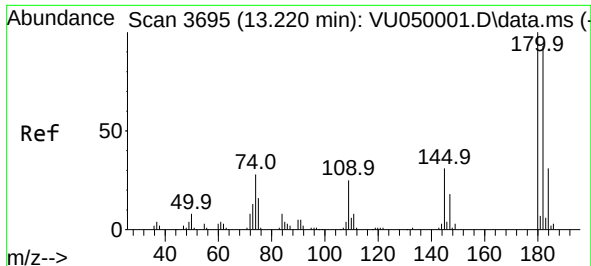
Ion Ratio Lower Upper

75 100

155 86.2 59.4 89.0

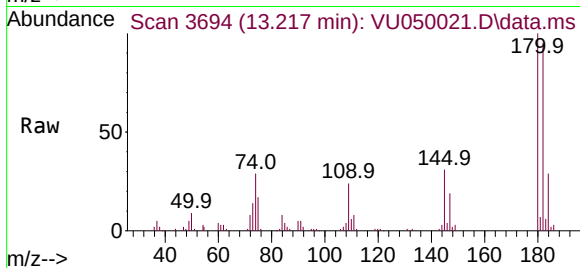
157 110.0 73.8 110.6



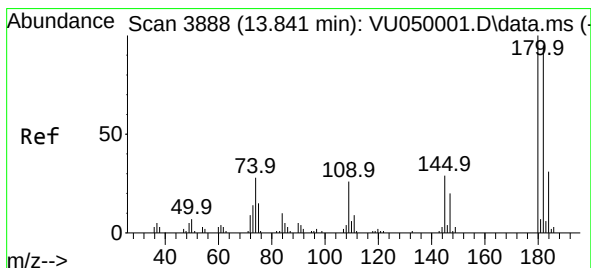
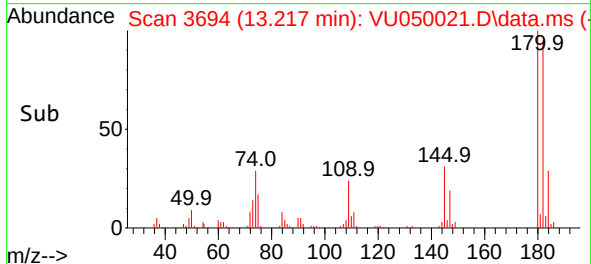
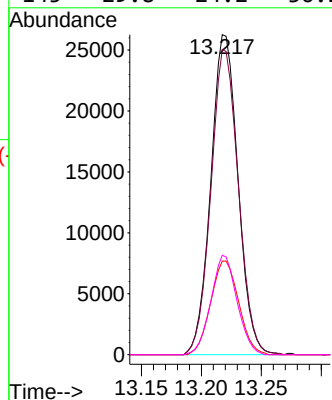


#69
 1,3,5-Trichlorobenzene
 Concen: 5.234 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3MS

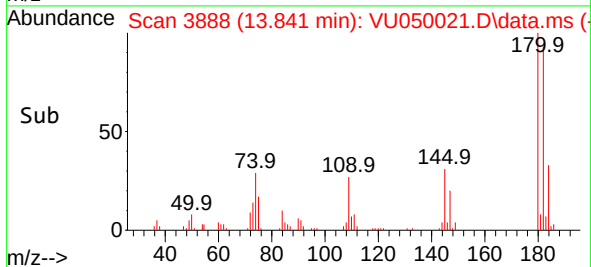
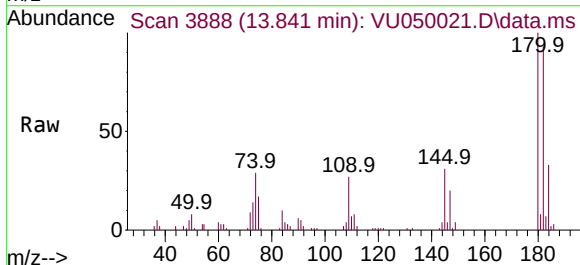
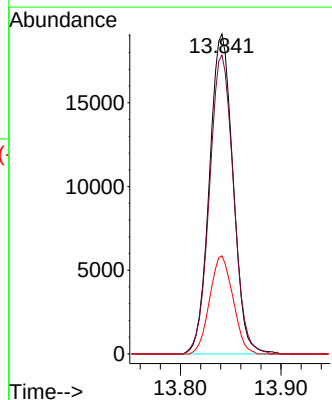


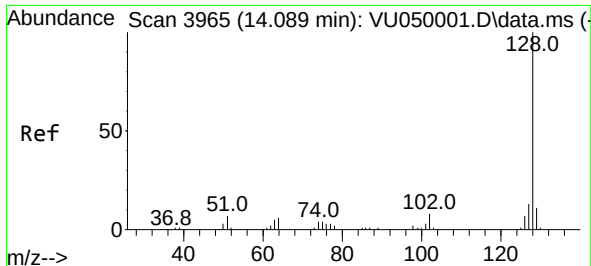
Tgt Ion:180 Resp: 41314
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.2 115.8
 184 30.2 23.9 35.9
 145 29.8 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.951 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050021.D
 Acq: 29 Jul 2022 06:18

Tgt Ion:180 Resp: 31177
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 30.3 23.8 35.8

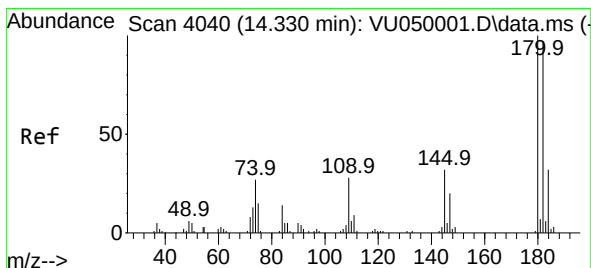
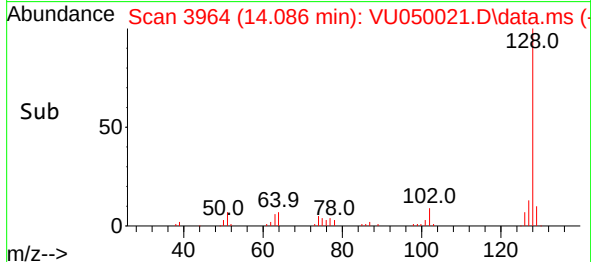
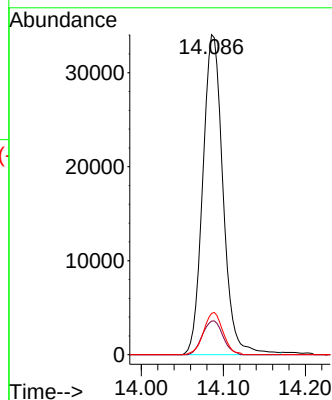
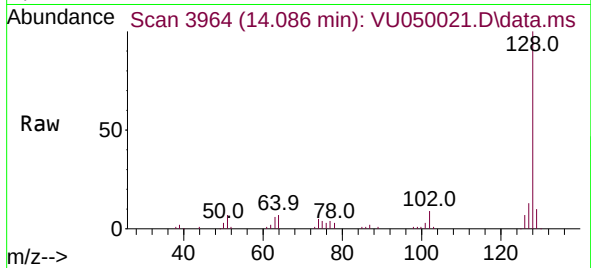




#71
Naphthalene
Concen: 4.672 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Instrument :
MSVOA_U
ClientSampleId :
YBEA3MS

Tgt Ion:128	Resp:	58329
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.5 12.7
127	12.7	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.157 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050021.D
Acq: 29 Jul 2022 06:18

Tgt Ion:180	Resp:	32233
Ion Ratio	Lower	Upper
180	100	
182	96.7	77.0 115.4
145	32.9	26.3 39.5

