

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050106.D
 Acq On : 05 Aug 2022 19:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30875	4.183	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.909	69	27830	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.565	65	11242	3.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.623	46	99513	55.283	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.560%
24) Chloroform-d	5.063	84	67075	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.703	65	33747	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.729	84	122677	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.690	67	43648	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.899	98	104853	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.179	79	14778	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.632	63	65944	57.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40523	5.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	36625	4.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	37201	4.575	ug/L	96
3) Chloromethane	1.523	50	54385	5.113	ug/L	99
5) Vinyl chloride	1.604	62	48200	5.058	ug/L	100
6) Bromomethane	1.851	94	26905	4.423	ug/L	99
8) Chloroethane	1.928	64	28612	5.096	ug/L	97
9) Trichlorofluoromethane	2.134	101	50319	4.822	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	27300	4.703	ug/L	96
12) 1,1-Dichloroethene	2.578	96	29443	4.802	ug/L	84
13) Acetone	2.626	43	57088	56.947	ug/L	89
14) Carbon disulfide	2.790	76	102621	4.686	ug/L	99
15) Methyl Acetate	2.951	43	15110	5.520	ug/L	96
16) Methylene chloride	3.044	84	45223	4.827	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	79540	4.971	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	34089	4.966	ug/L	99
19) 1,1-Dichloroethane	3.870	63	67299	5.177	ug/L	99
21) 2-Butanone	4.703	43	98803	54.809	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	38671	5.075	ug/L	96
23) Bromochloromethane	4.973	128	18533	5.089	ug/L	98
25) Chloroform	5.089	83	71219	5.139	ug/L	100

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 Data File : VU050106.D
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

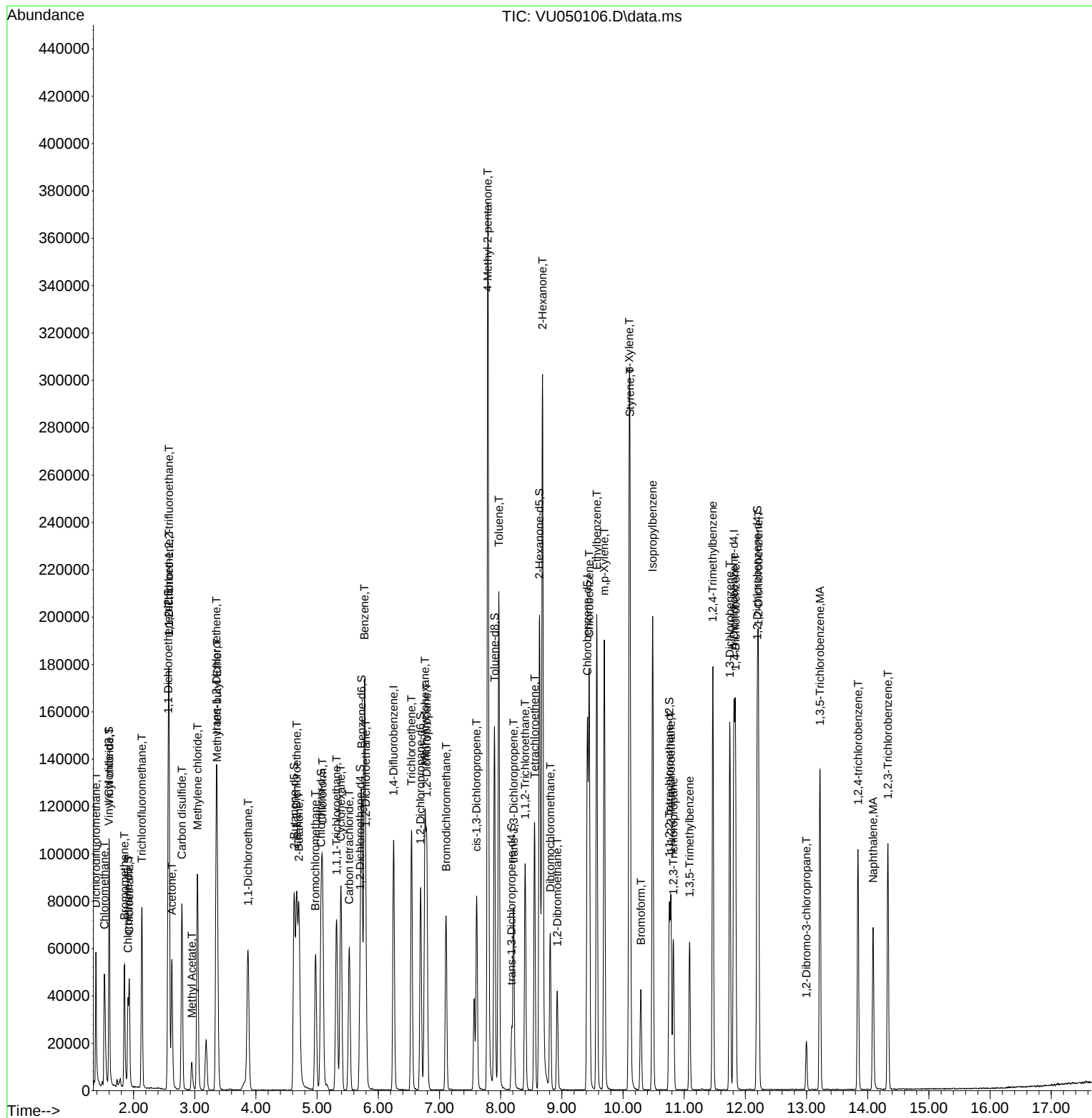
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42426	5.030	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	53905	4.997	ug/L	99
30) Cyclohexane	5.388	56	40226	4.280	ug/L	98
31) Carbon tetrachloride	5.523	117	42439	4.800	ug/L	99
33) Benzene	5.774	78	156538	5.081	ug/L	100
34) Trichloroethene	6.542	95	39561	5.309	ug/L	98
35) Methylcyclohexane	6.764	83	40930	4.255	ug/L	100
37) 1,2-Dichloropropane	6.793	63	41815	5.095	ug/L	99
38) Bromodichloromethane	7.108	83	51028	5.119	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	50751	4.739	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	235168	49.477	ug/L	99
42) Toluene	7.970	91	156387	5.061	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	44598	4.855	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	30649	4.996	ug/L	94
47) Tetrachloroethene	8.555	164	25239	4.728	ug/L	99
48) 2-Hexanone	8.684	43	183752	49.984	ug/L	99
49) Dibromochloromethane	8.812	129	34367	5.062	ug/L	96
50) 1,2-Dibromoethane	8.925	107	28605	5.143	ug/L	99
51) Chlorobenzene	9.449	112	94280	4.850	ug/L	97
52) Ethylbenzene	9.571	91	140699	4.667	ug/L	99
53) m,p-Xylene	9.693	106	55372	4.987	ug/L	98
54) o-Xylene	10.102	106	54985	4.961	ug/L	97
55) Styrene	10.115	104	94520	5.105	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	40441	5.017	ug/L	98
59) Bromoform	10.291	173	19780	4.851	ug/L	99
60) Isopropylbenzene	10.484	105	129054	4.753	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27608	4.985	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	34344	4.477	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	97141	4.648	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	65718	4.802	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	62950	4.727	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	64229	4.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5798	5.339	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	42712	4.381	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	32366	4.382	ug/L	99
71) Naphthalene	14.089	128	59023	3.897	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	32514	4.342	ug/L	98

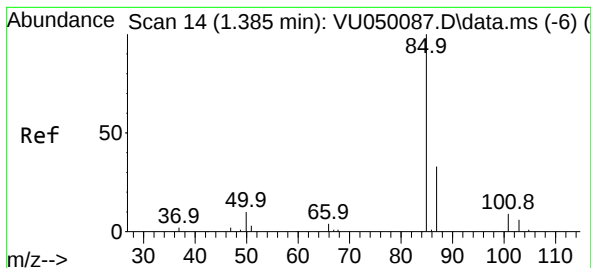
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 Data File : VU050106.D
 Acq On : 05 Aug 2022 19:08
 Operator : SY/MD
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

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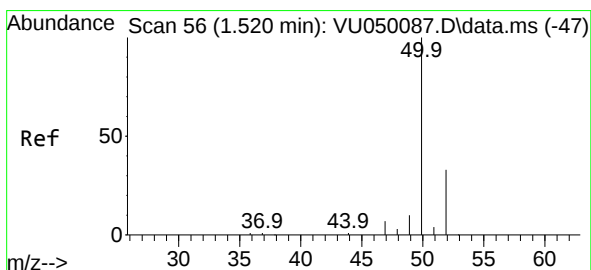
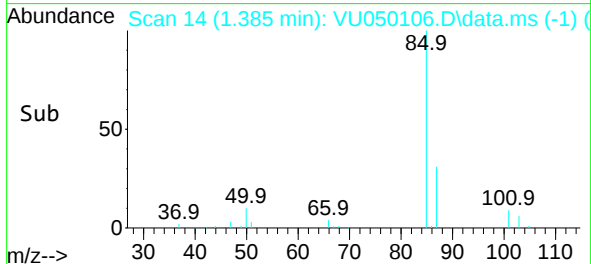
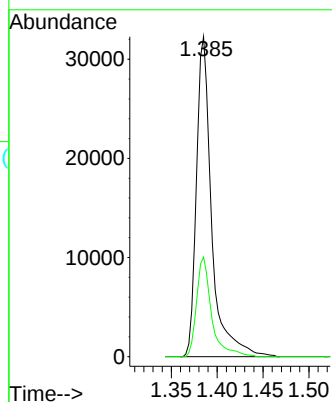
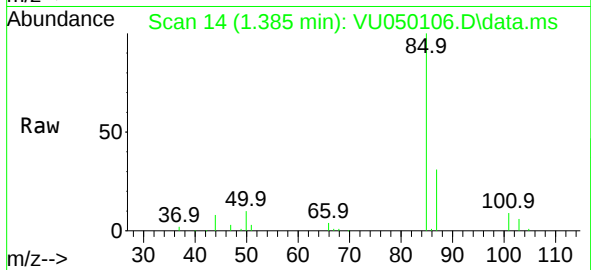




#2
 Dichlorodifluoromethane
 Concen: 4.575 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

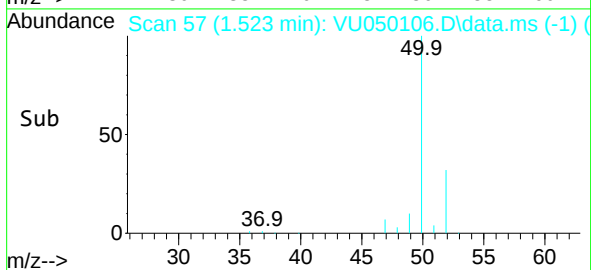
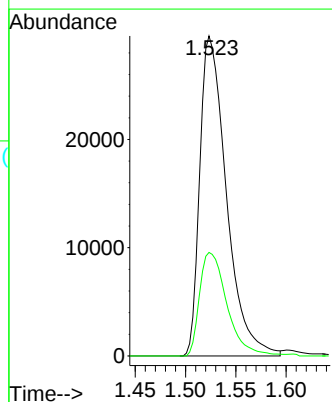
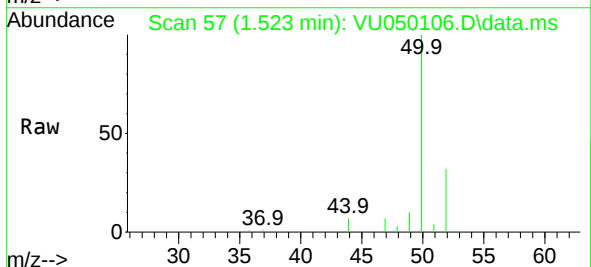
Instrument :
 MSVOA_U
 ClientSampleId :

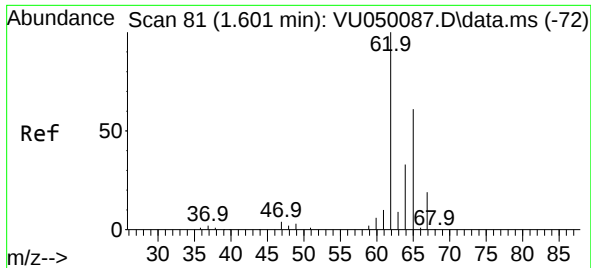
Tgt Ion: 85 Resp: 37201
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.2 39.4



#3
 Chloromethane
 Concen: 5.113 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.003 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

Tgt Ion: 50 Resp: 54385
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2

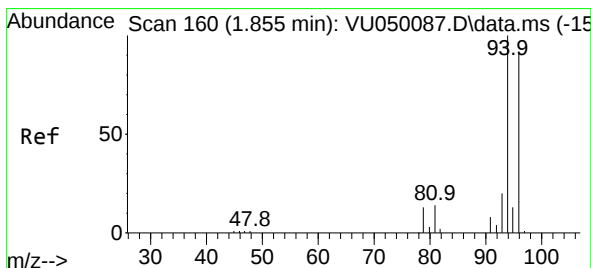
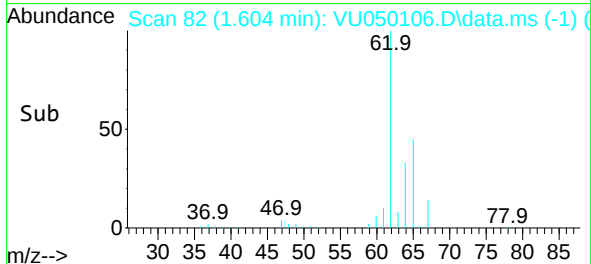
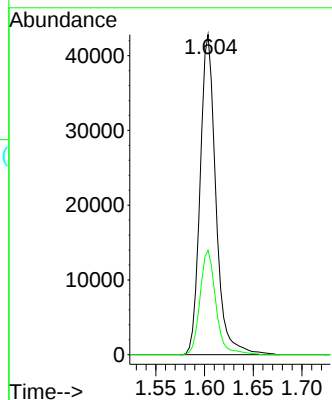
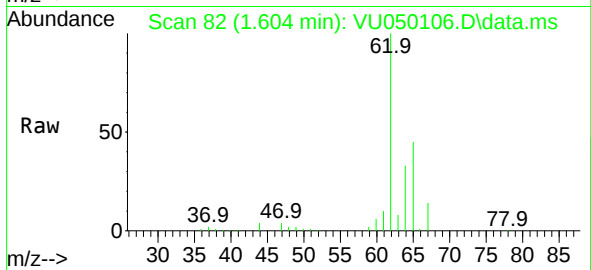




#5
 Vinyl chloride
 Concen: 5.058 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

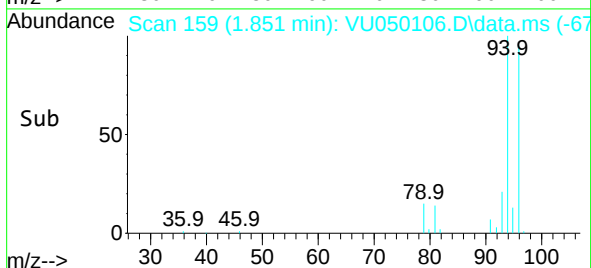
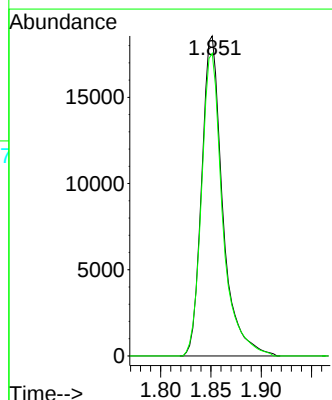
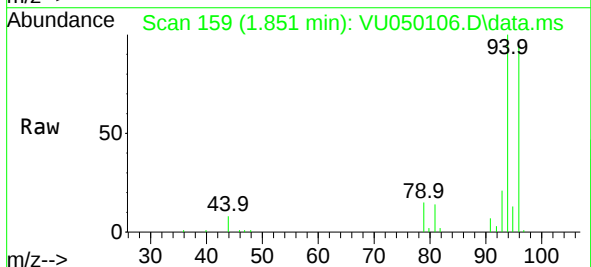
Instrument :
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 ClientSampleId :

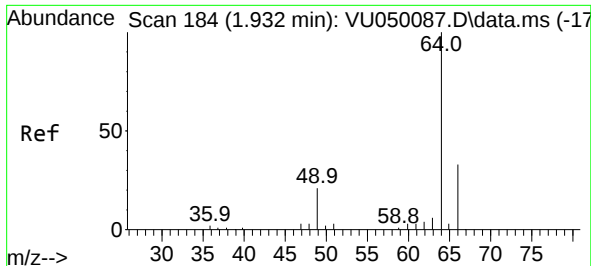
Tgt Ion: 62 Resp: 48200
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.423 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

Tgt Ion: 94 Resp: 26905
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.3 121.3

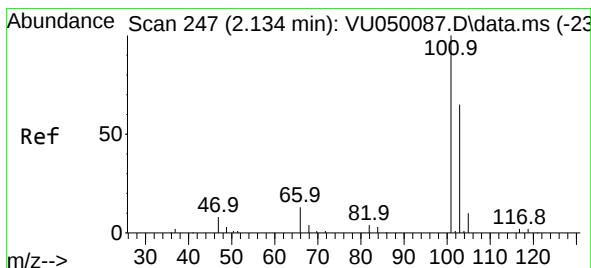
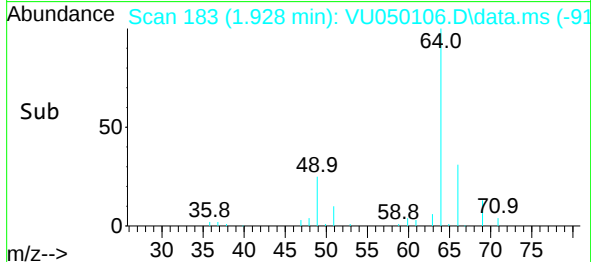
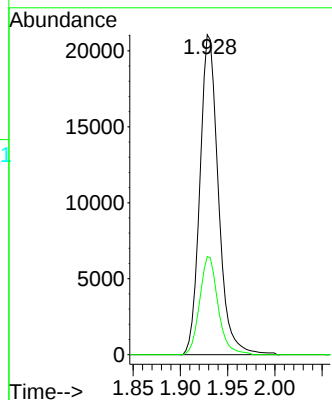
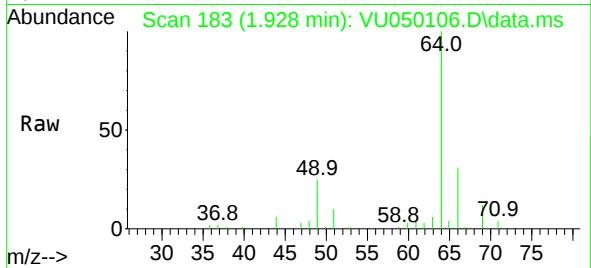




#8
Chloroethane
Concen: 5.096 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

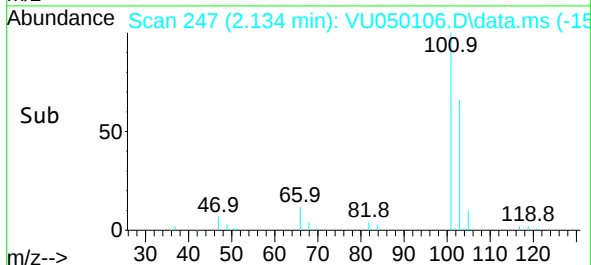
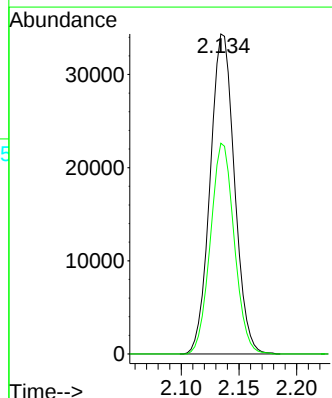
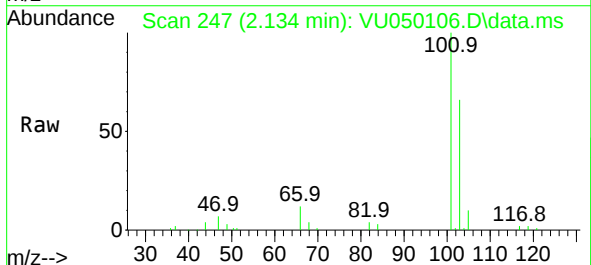
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MSVOA_U
ClientSampleId :

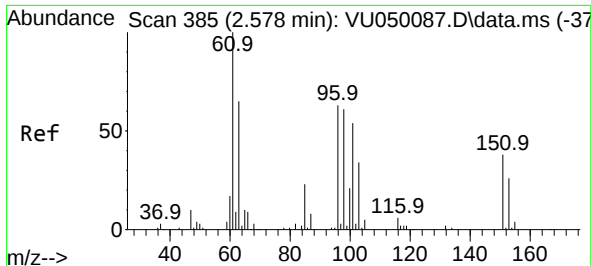
Tgt Ion: 64 Resp: 28612
Ion Ratio Lower Upper
64 100
66 30.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.822 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion: 101 Resp: 50319
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8





#10

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

Concen: 4.703 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050106.D

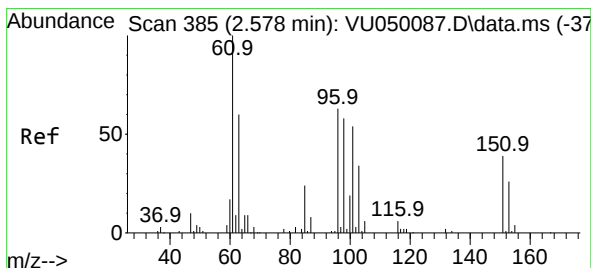
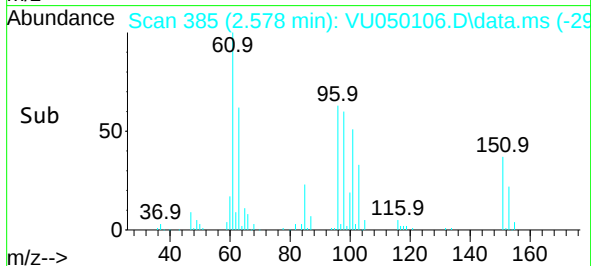
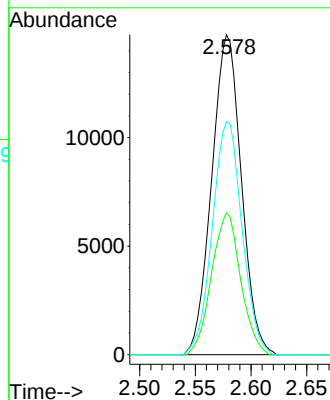
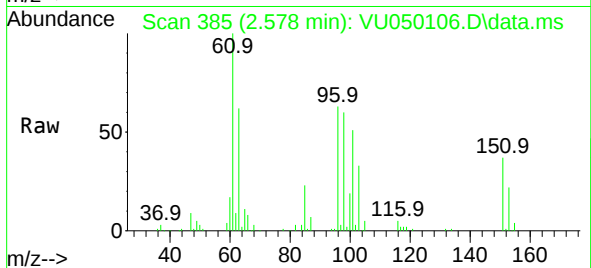
Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	27300
Ion Ratio	Lower	Upper
101	100	
85	43.5	35.6 53.4
151	73.1	55.2 82.8



#12

1,1-Dichloroethene

Concen: 4.802 ug/L

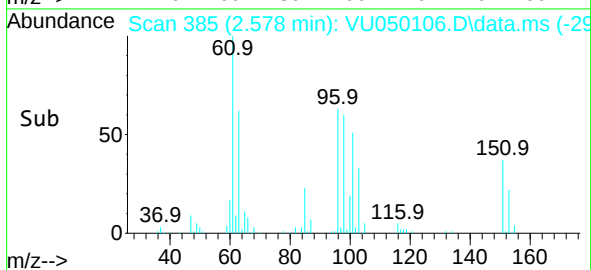
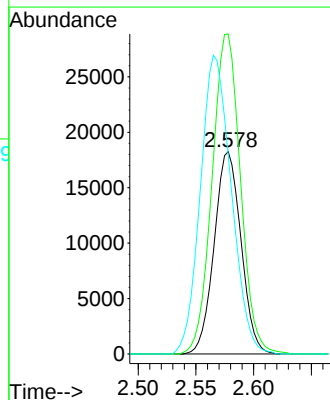
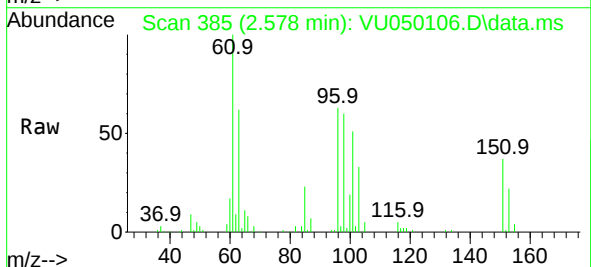
RT: 2.578 min Scan# 385

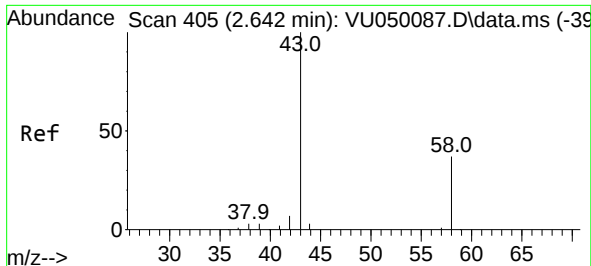
Delta R.T. -0.000 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Tgt Ion: 96	Resp:	29443
Ion Ratio	Lower	Upper
96	100	
61	158.2	122.7 227.9
63	98.3	85.1 158.1





#13

Acetone

Concen: 56.947 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.016 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

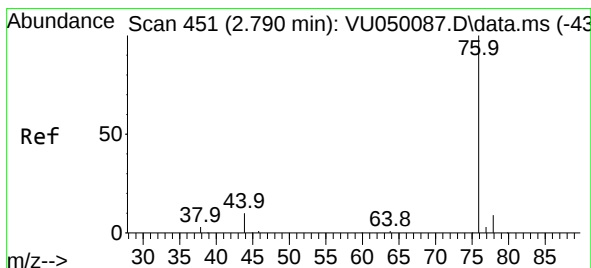
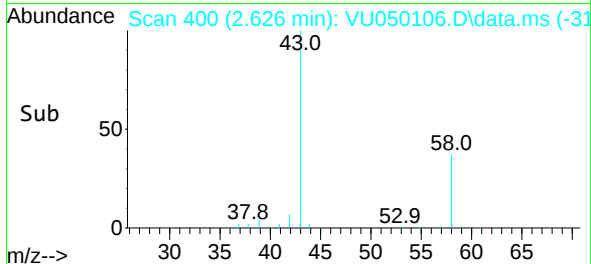
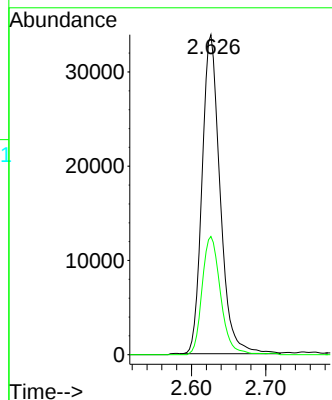
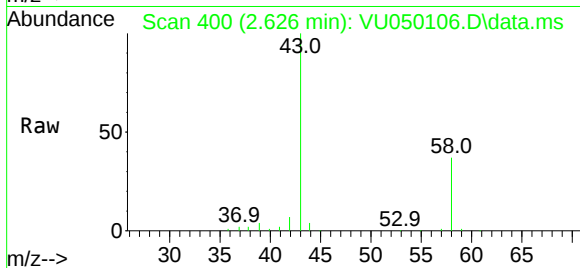
ClientSampleId :

Tgt Ion: 43 Resp: 57088

Ion Ratio Lower Upper

43 100

58 37.9 0.0 64.0



#14

Carbon disulfide

Concen: 4.686 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050106.D

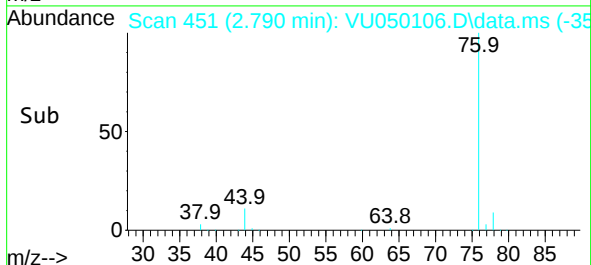
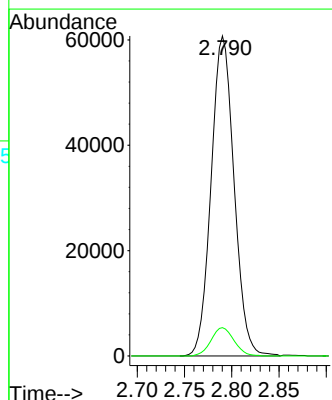
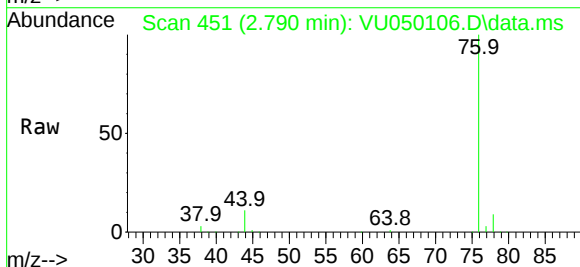
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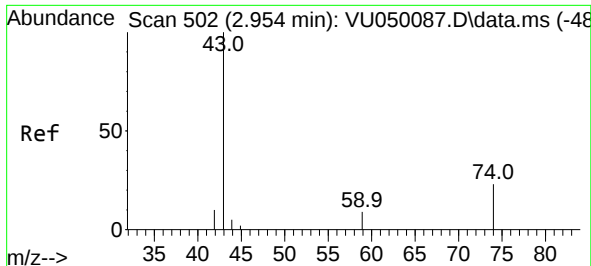
Tgt Ion: 76 Resp: 102621

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

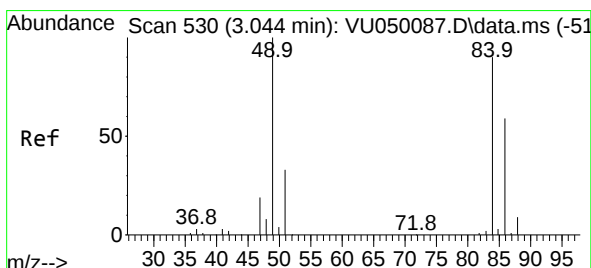
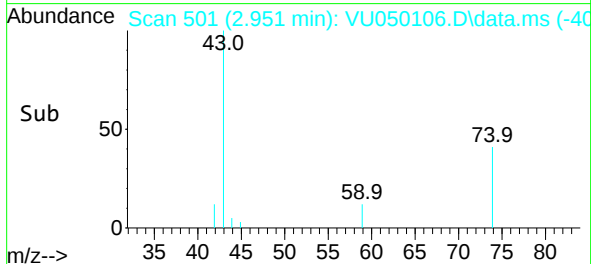
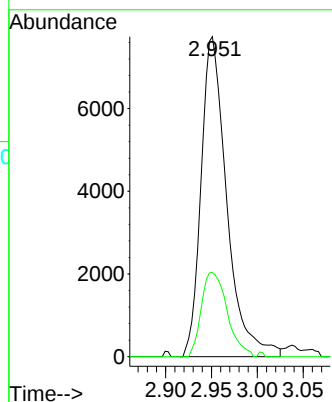
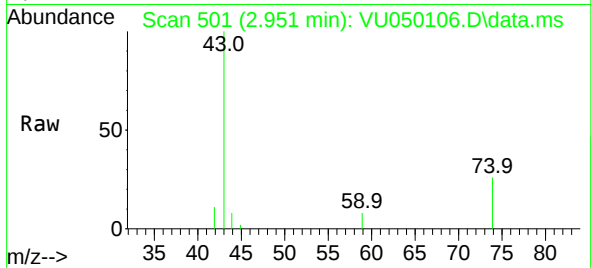




#15
Methyl Acetate
Concen: 5.520 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

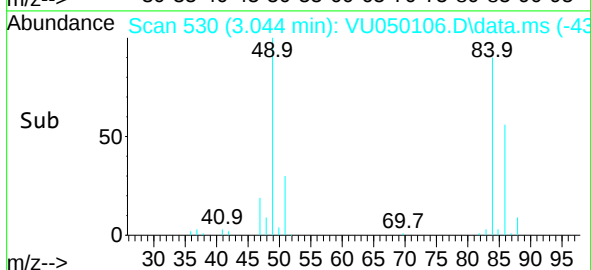
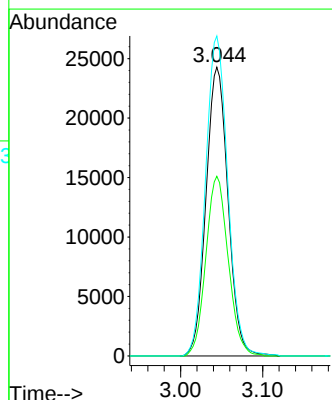
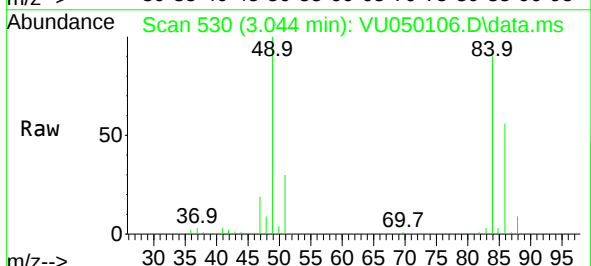
Instrument :
MSVOA_U
ClientSampleId :

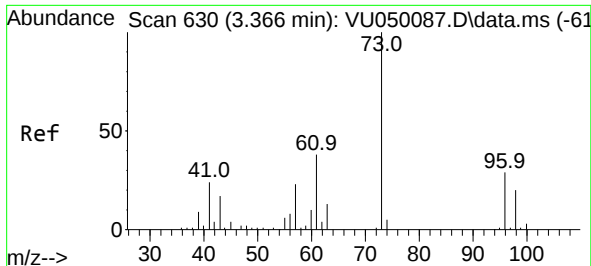
Tgt Ion: 43 Resp: 15110
Ion Ratio Lower Upper
43 100
74 26.5 22.7 34.1



#16
Methylene chloride
Concen: 4.827 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

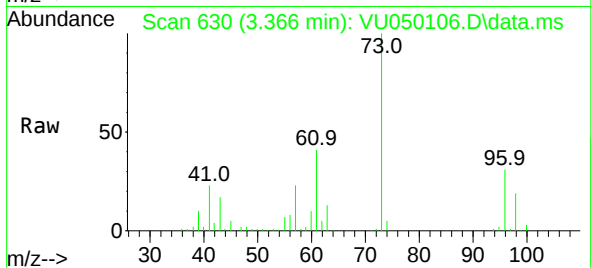
Tgt Ion: 84 Resp: 45223
Ion Ratio Lower Upper
84 100
86 62.2 45.9 85.3
49 110.8 77.6 144.0



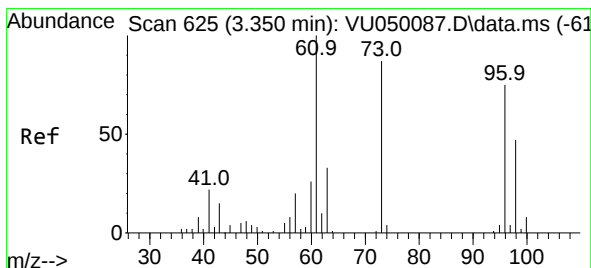
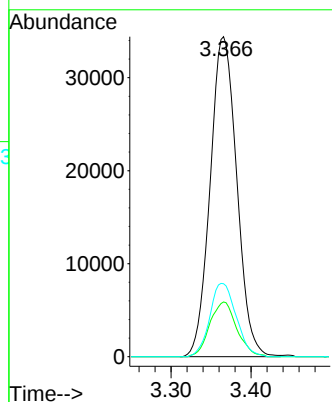
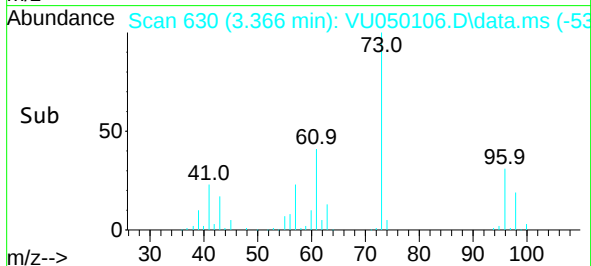


#17
Methyl tert-butyl Ether
Concen: 4.971 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

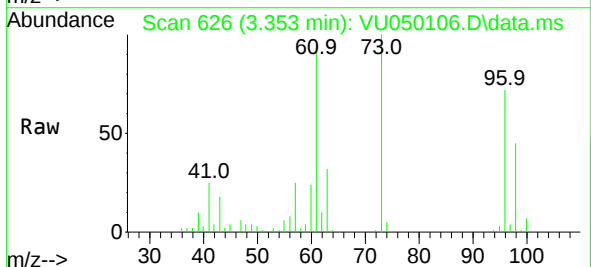
Instrument :
MSVOA_U
ClientSampleId :



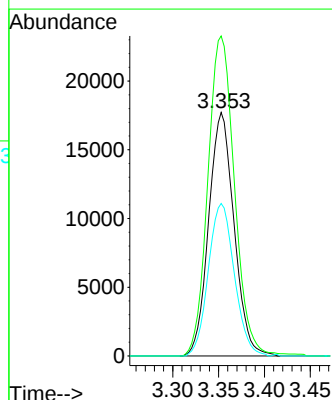
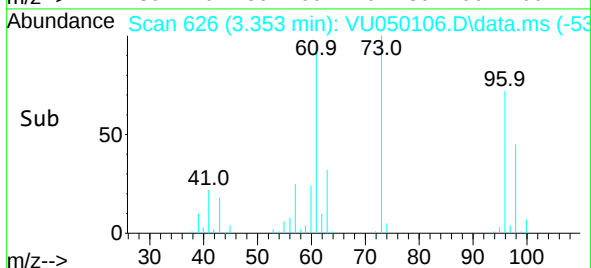
Tgt Ion: 73 Resp: 79540
Ion Ratio Lower Upper
73 100
43 17.4 13.5 20.3
57 22.7 17.4 26.2

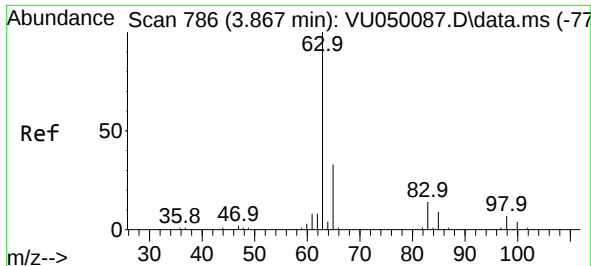


#18
trans-1,2-Dichloroethene
Concen: 4.966 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08



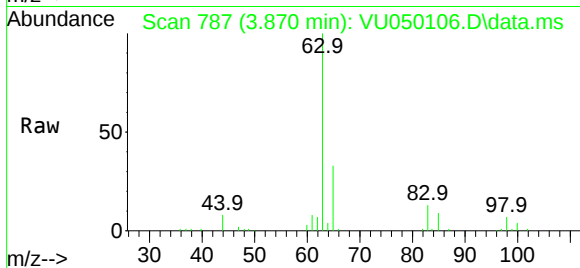
Tgt Ion: 96 Resp: 34089
Ion Ratio Lower Upper
96 100
61 131.4 92.3 171.5
98 62.6 43.2 80.2



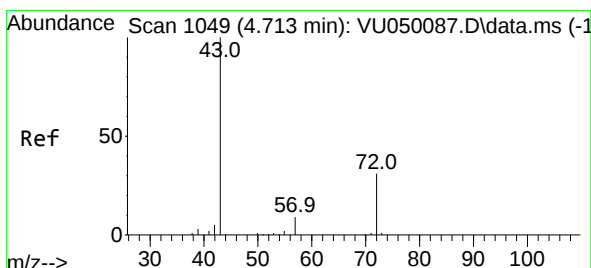
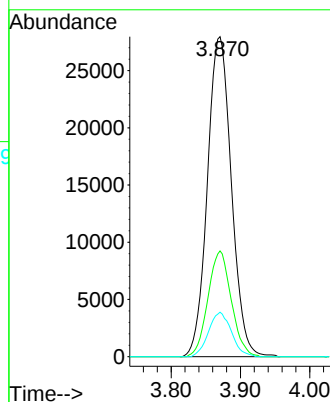
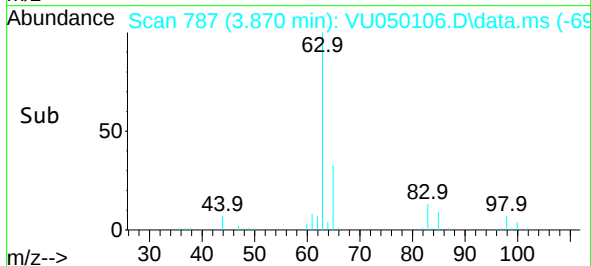


#19
1,1-Dichloroethane
Concen: 5.177 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Instrument :
MSVOA_U
ClientSampleId :

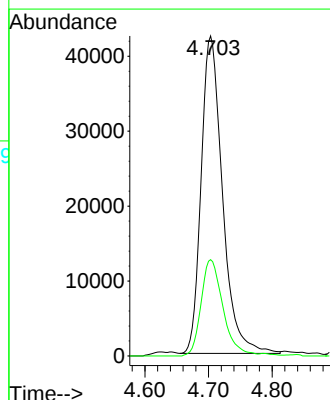
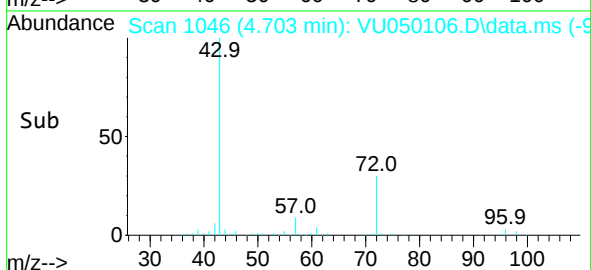
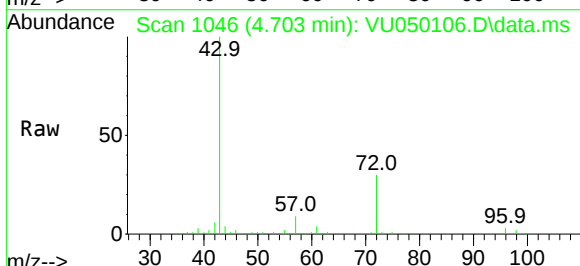


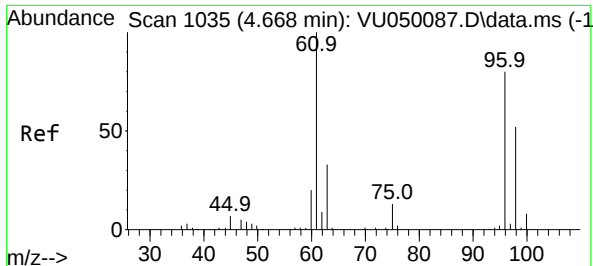
Tgt Ion: 63 Resp: 67299
Ion Ratio Lower Upper
63 100
65 33.1 22.7 42.3
83 13.9 9.8 18.2



#21
2-Butanone
Concen: 54.809 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.010 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

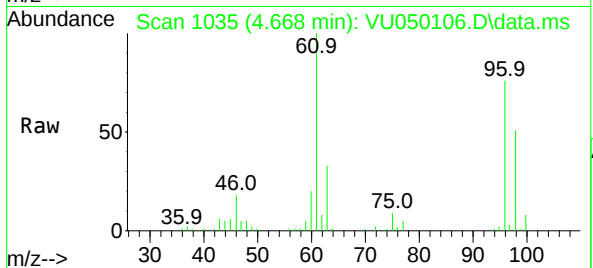
Tgt Ion: 43 Resp: 98803
Ion Ratio Lower Upper
43 100
72 31.0 14.0 42.0





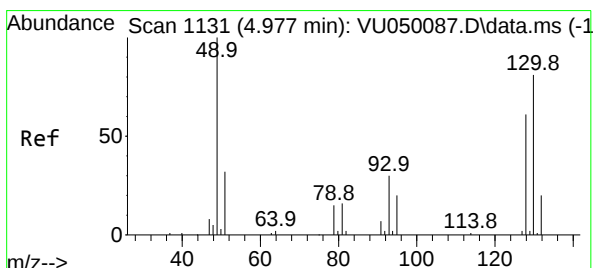
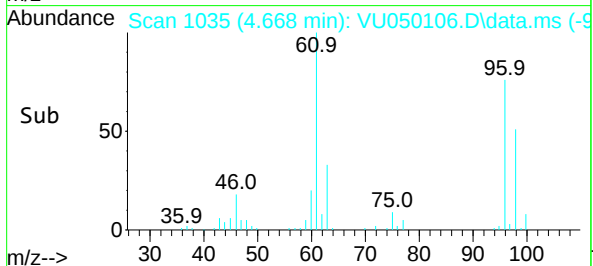
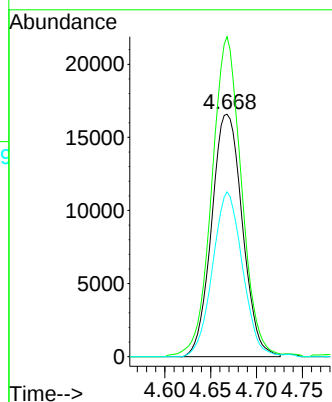
#22
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 38671

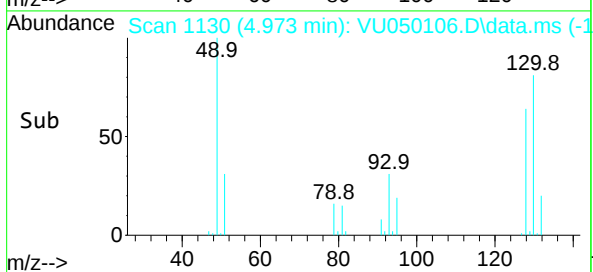
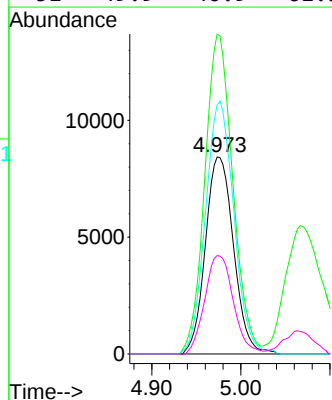
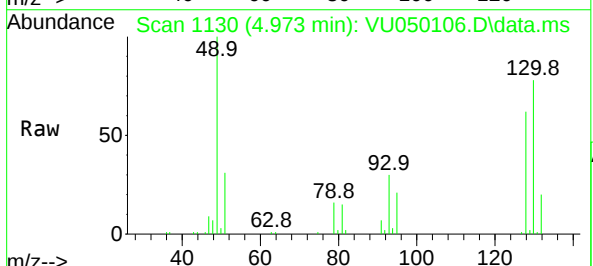
Ion	Ratio	Lower	Upper
96	100		
61	132.0	89.0	165.4
98	68.0	45.2	84.0

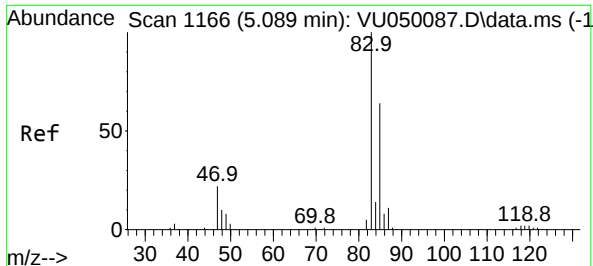


#23
 Bromochloromethane
 Concen: 5.089 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

Tgt Ion: 128 Resp: 18533

Ion	Ratio	Lower	Upper
128	100		
49	162.5	111.4	206.8
130	126.5	90.2	167.4
51	49.9	40.9	61.3

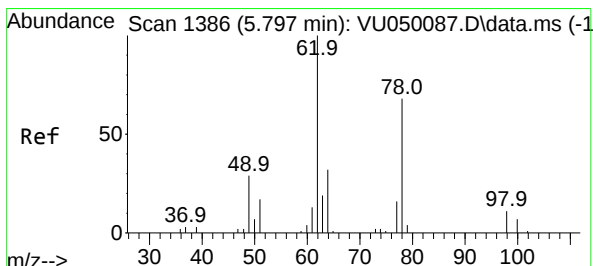
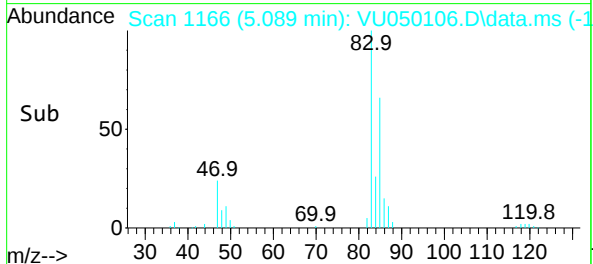
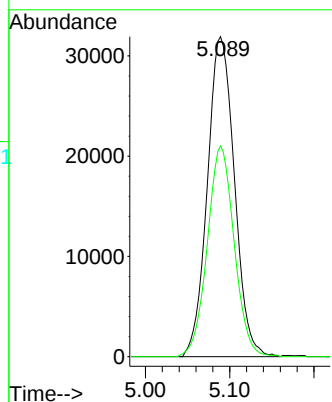
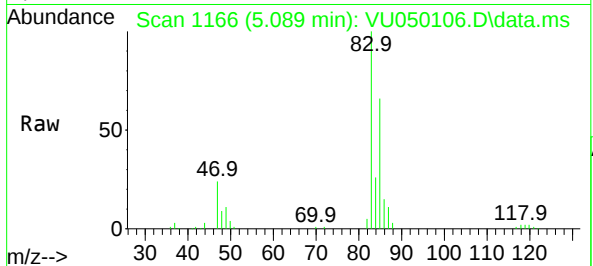




#25
Chloroform
Concen: 5.139 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

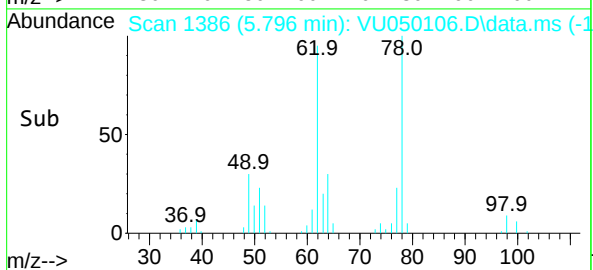
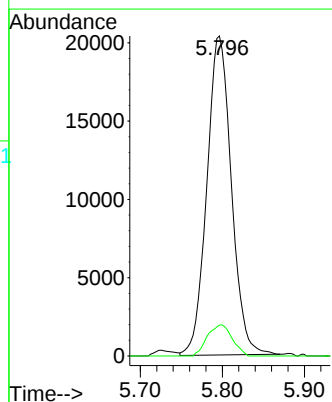
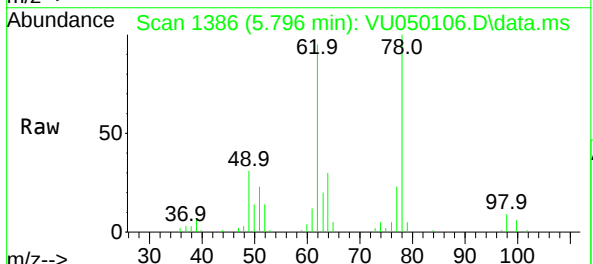
Instrument :
MSVOA_U
ClientSampleId :

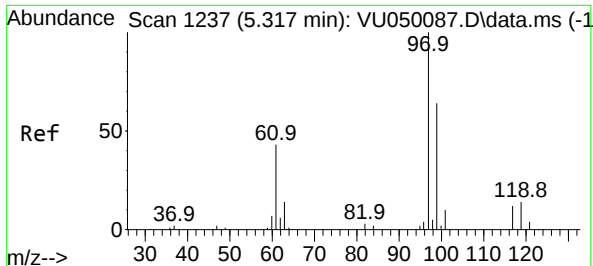
Tgt Ion: 83 Resp: 71219
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.030 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion: 62 Resp: 42426
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.997 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

ClientSampleId :

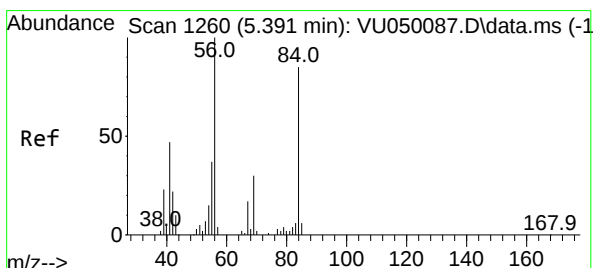
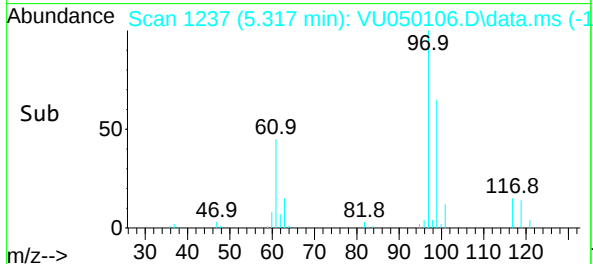
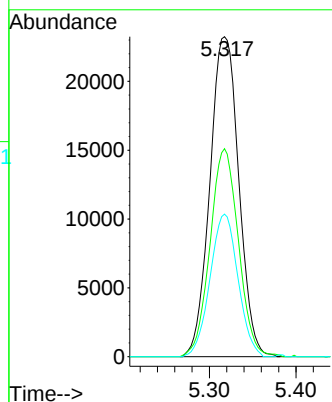
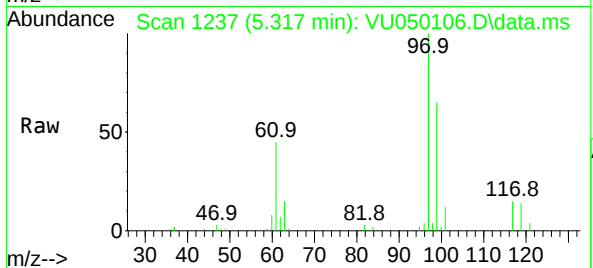
Tgt Ion: 97 Resp: 53905

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 43.1 34.2 51.4



#30

Cyclohexane

Concen: 4.280 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

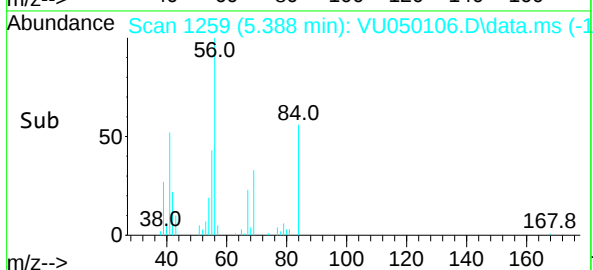
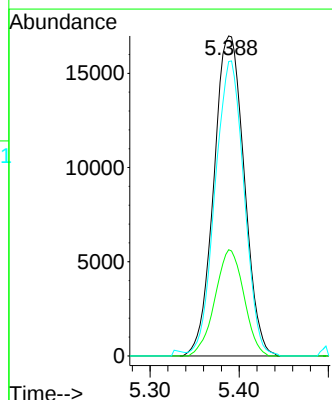
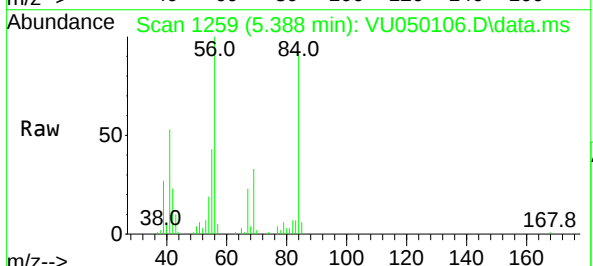
Tgt Ion: 56 Resp: 40226

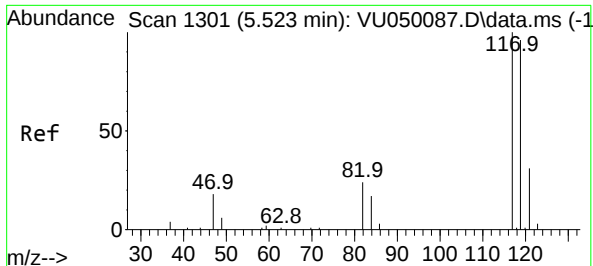
Ion Ratio Lower Upper

56 100

69 31.6 24.6 37.0

84 88.1 69.1 103.7

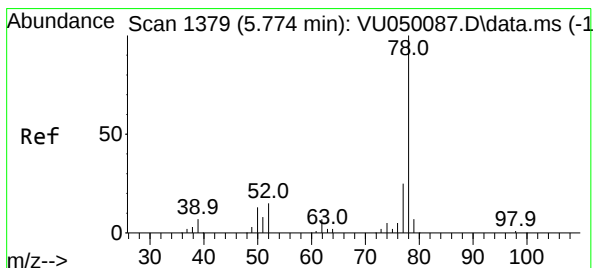
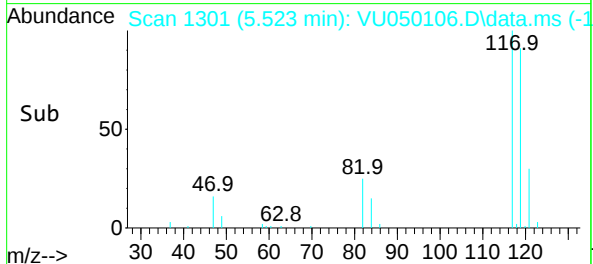
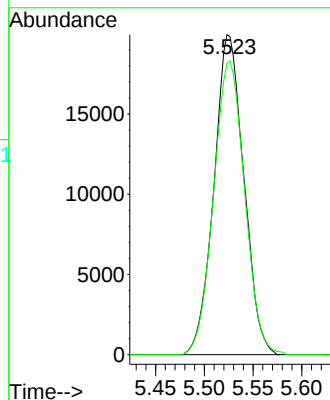
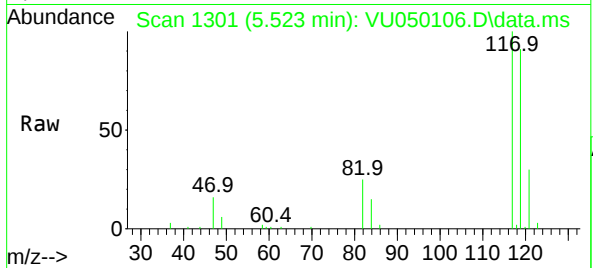




#31
Carbon tetrachloride
Concen: 4.800 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

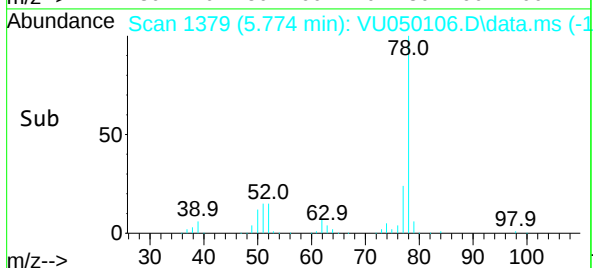
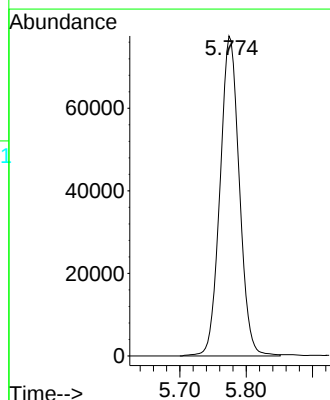
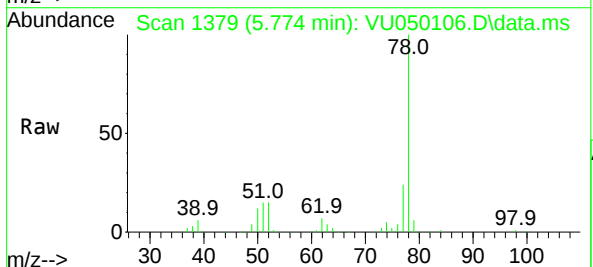
Instrument :
MSVOA_U
ClientSampleId :

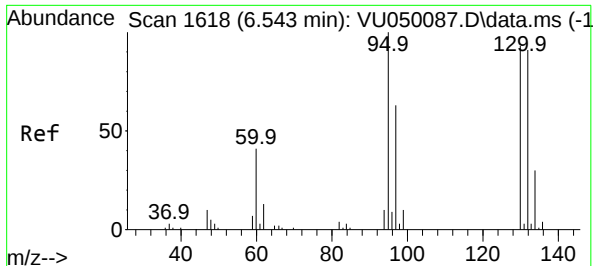
Tgt Ion:117 Resp: 42439
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0



#33
Benzene
Concen: 5.081 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion: 78 Resp: 156538

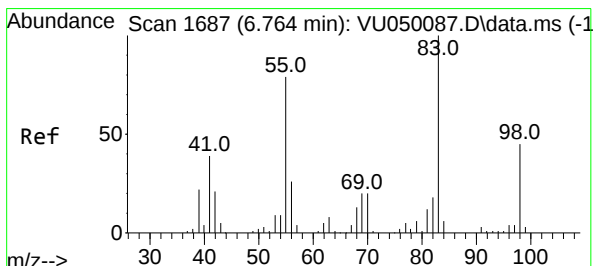
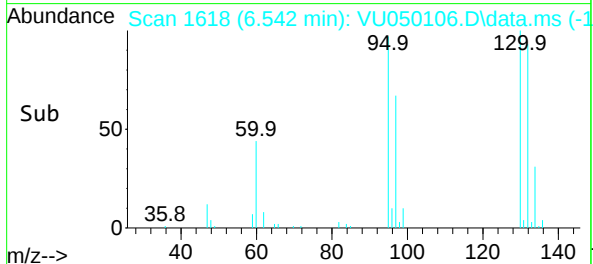
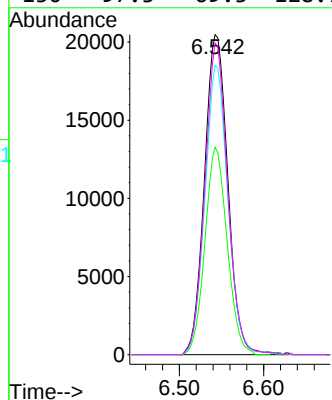
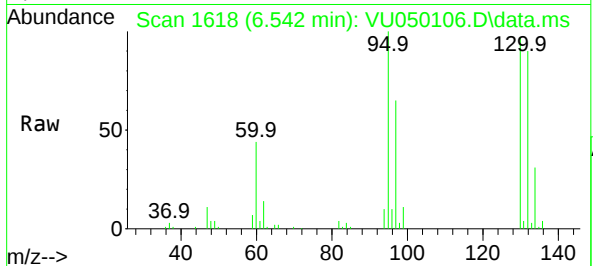




#34
Trichloroethene
Concen: 5.309 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

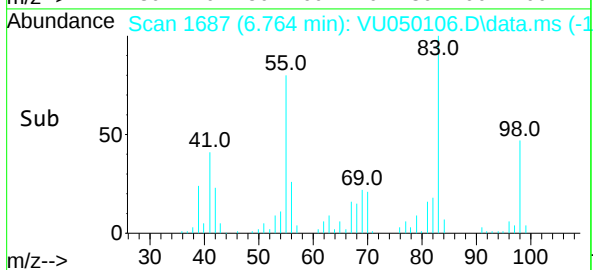
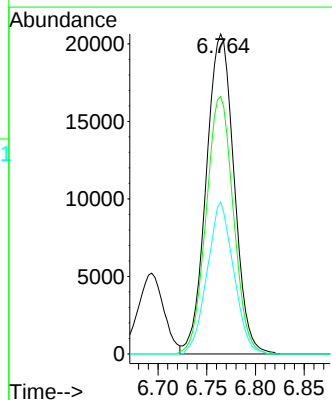
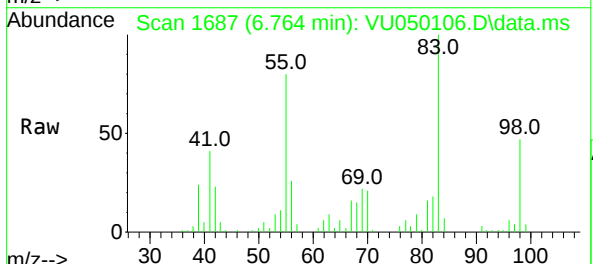
Instrument :
MSVOA_U
ClientSampleId :

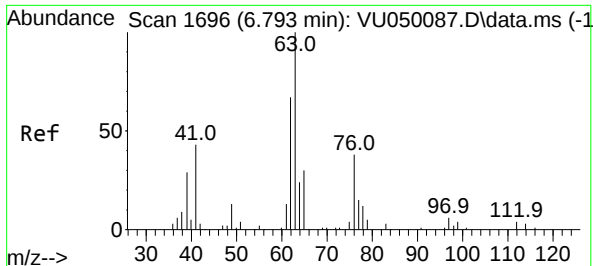
Tgt Ion: 95 Resp: 39561
Ion Ratio Lower Upper
95 100
97 64.8 45.6 84.8
132 90.5 65.0 120.6
130 97.3 69.3 128.7



#35
Methylcyclohexane
Concen: 4.255 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion: 83 Resp: 40930
Ion Ratio Lower Upper
83 100
55 78.8 62.7 94.1
98 45.2 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.095 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

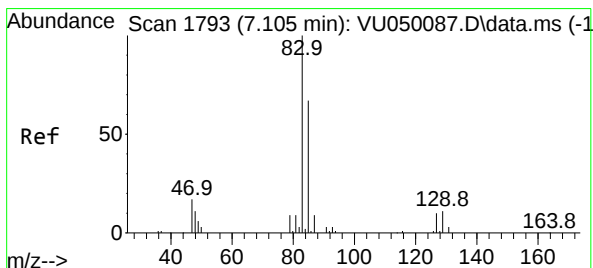
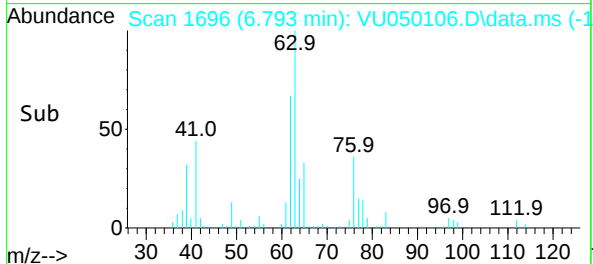
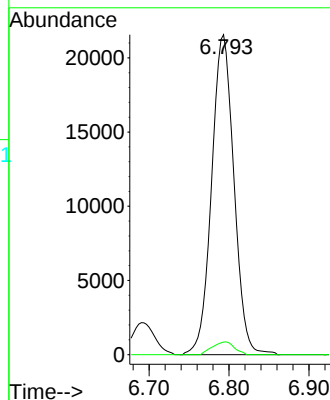
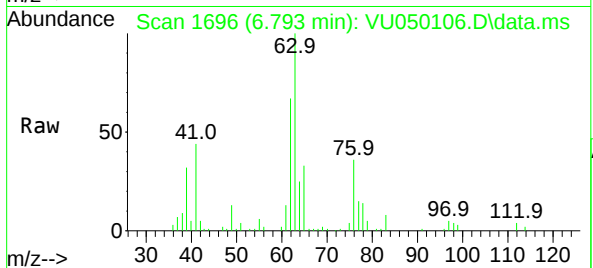
ClientSampleId :

Tgt Ion: 63 Resp: 41815

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.4



#38

Bromodichloromethane

Concen: 5.119 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

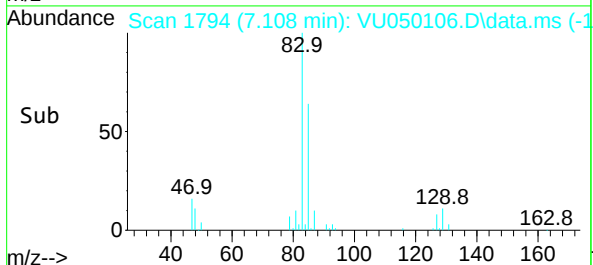
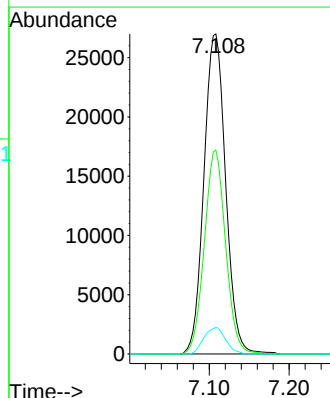
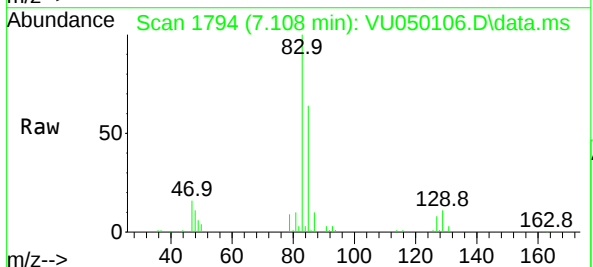
Tgt Ion: 83 Resp: 51028

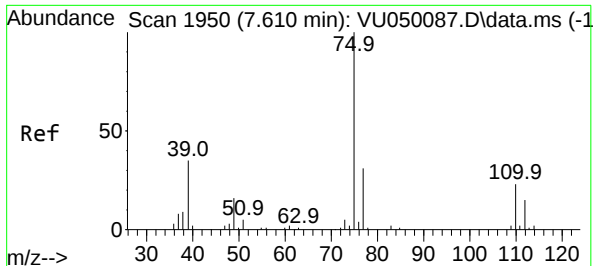
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.739 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

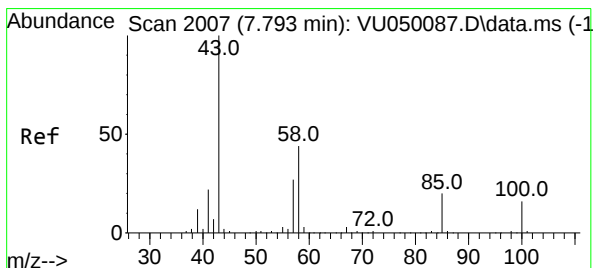
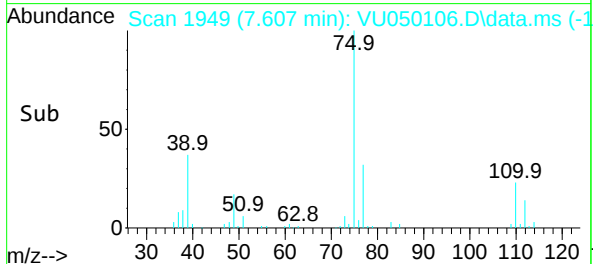
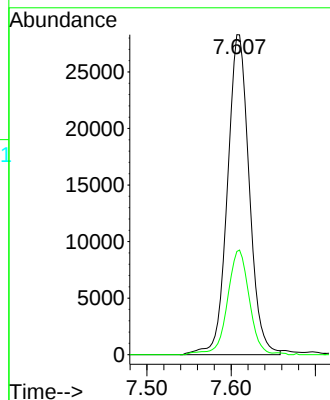
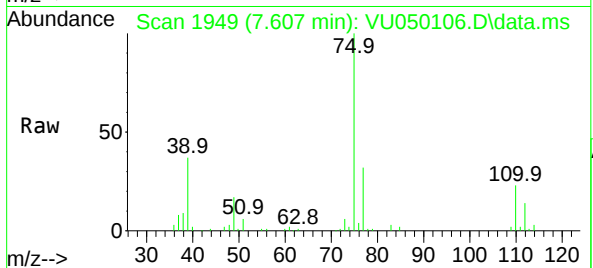
ClientSampleId :

Tgt Ion: 75 Resp: 50751

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 49.477 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

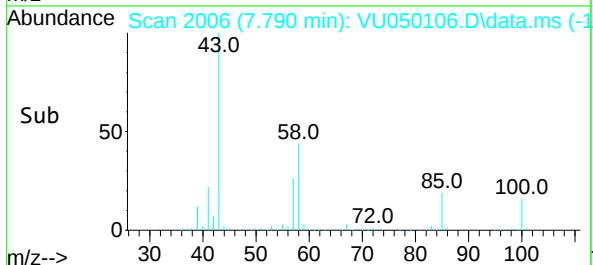
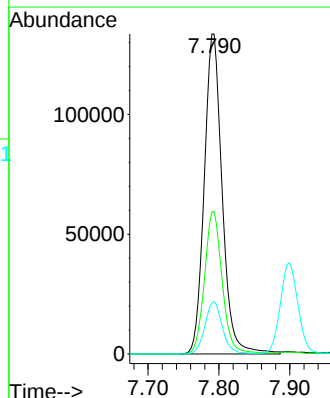
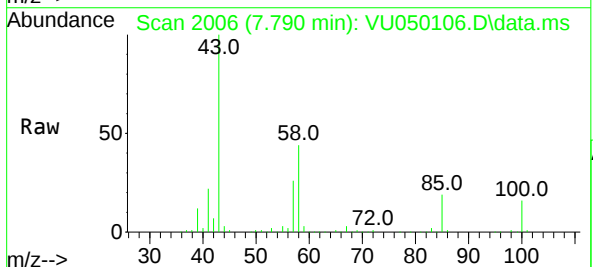
Tgt Ion: 43 Resp: 235168

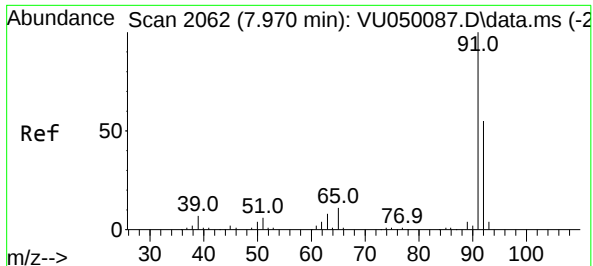
Ion Ratio Lower Upper

43 100

58 43.9 34.6 51.8

100 15.9 13.0 19.4





#42

Toluene

Concen: 5.061 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

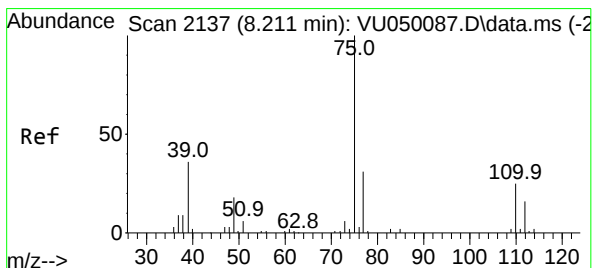
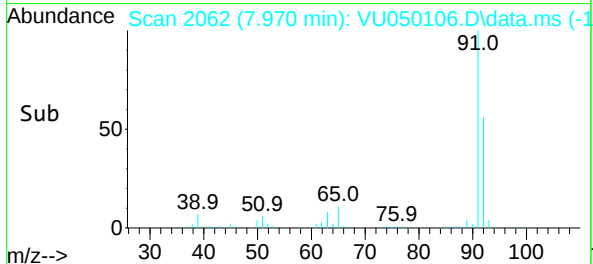
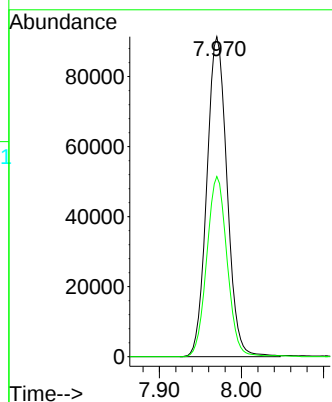
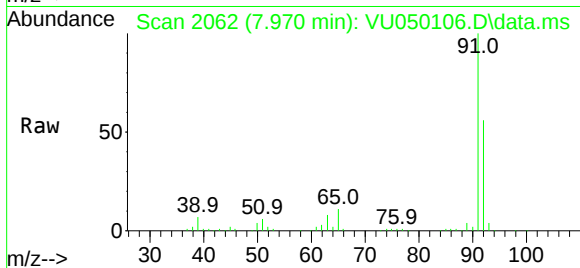
ClientSampleId :

Tgt Ion: 91 Resp: 156387

Ion Ratio Lower Upper

91 100

92 56.3 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.855 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050106.D

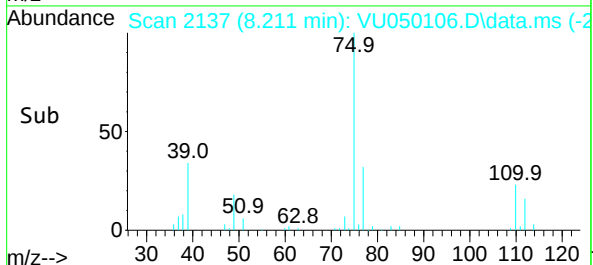
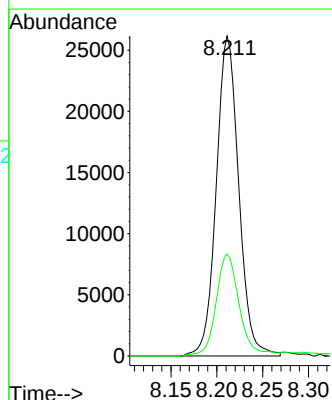
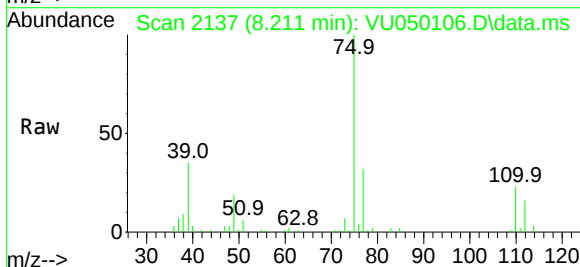
Acq: 05 Aug 2022 19:08

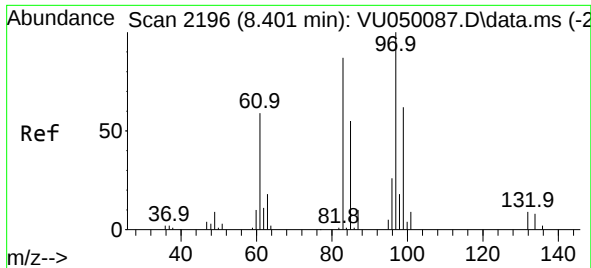
Tgt Ion: 75 Resp: 44598

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



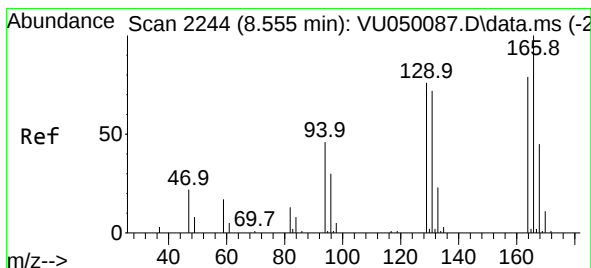
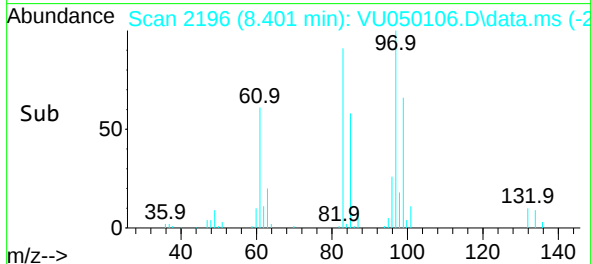
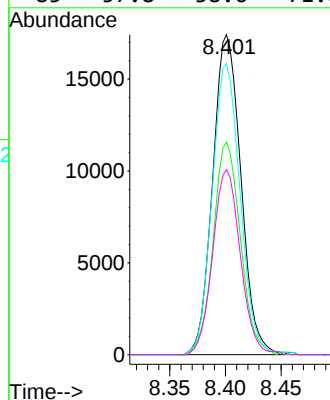
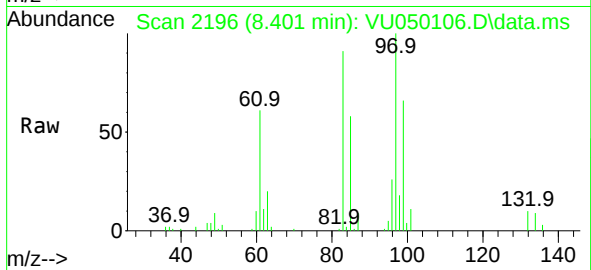


#45
1,1,2-Trichloroethane
Concen: 4.996 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 30649

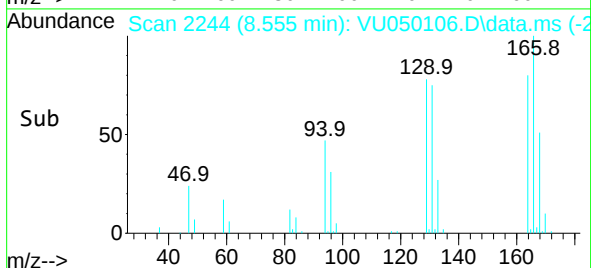
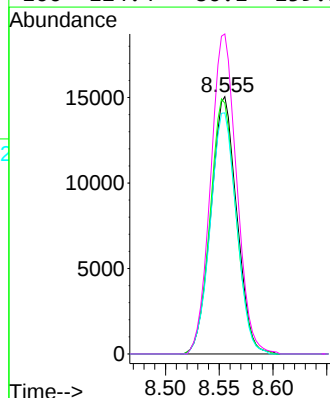
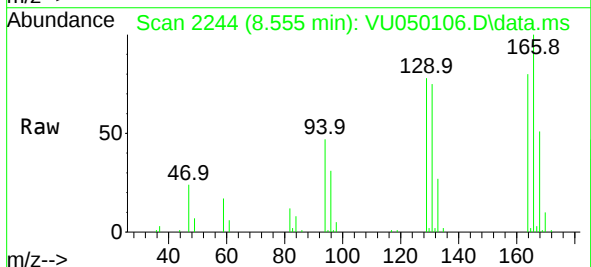
Ion	Ratio	Lower	Upper
97	100		
99	66.3	42.2	78.4
83	91.0	59.6	110.6
85	57.8	38.6	71.8

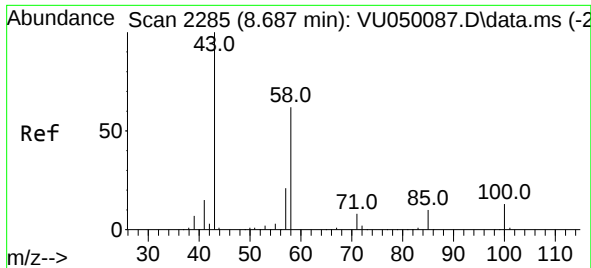


#47
Tetrachloroethene
Concen: 4.728 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion: 164 Resp: 25239

Ion	Ratio	Lower	Upper
164	100		
129	97.4	69.0	128.1
131	93.7	65.8	122.2
166	124.4	86.1	159.9

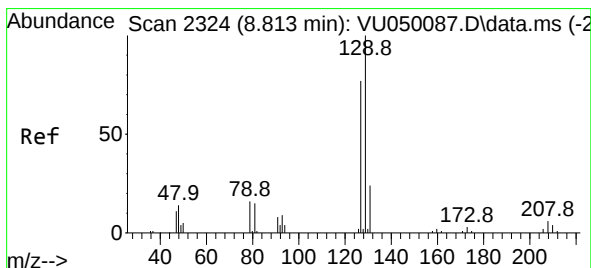
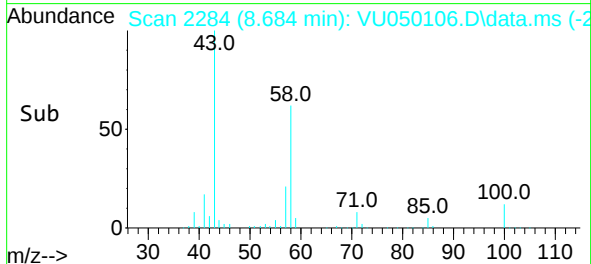
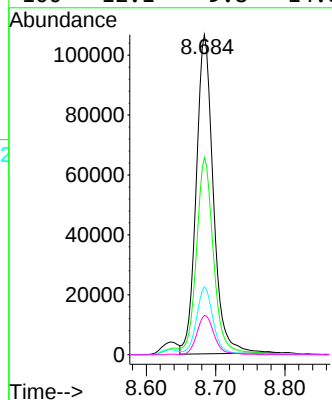
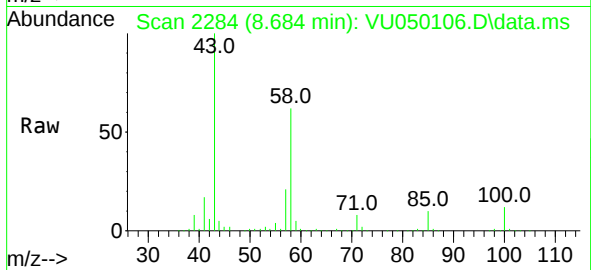




#48
2-Hexanone
Concen: 49.984 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

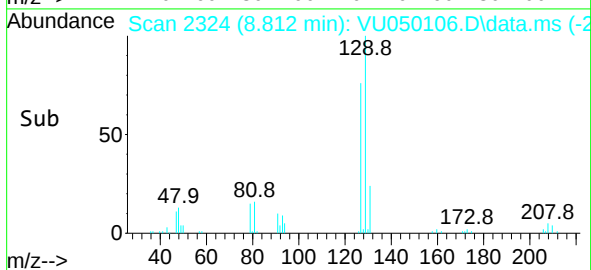
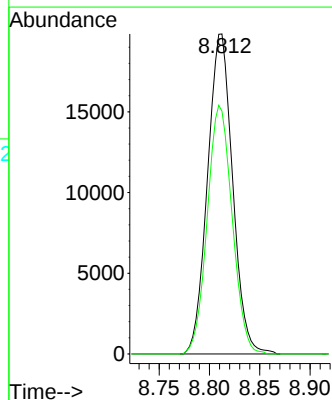
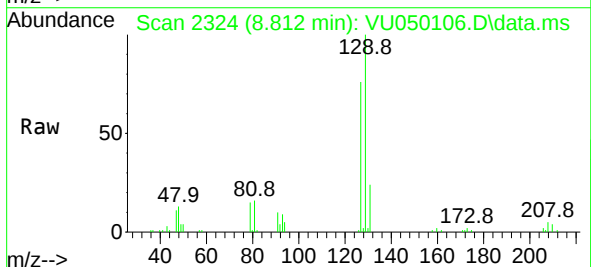
Instrument :
MSVOA_U
ClientSampleId :

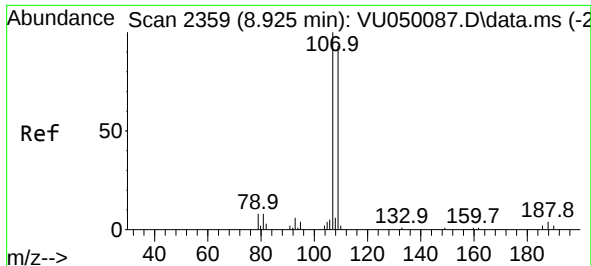
Tgt Ion: 43 Resp: 183752
Ion Ratio Lower Upper
43 100
58 63.8 50.6 76.0
57 20.8 16.0 24.0
100 12.1 9.8 14.8



#49
Dibromochloromethane
Concen: 5.062 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

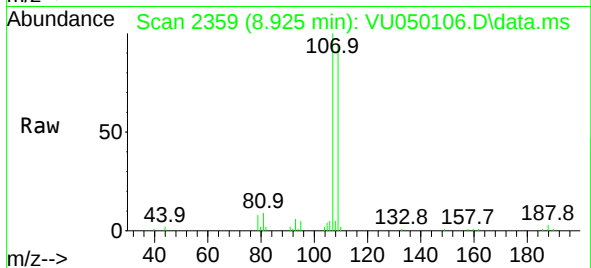
Tgt Ion: 129 Resp: 34367
Ion Ratio Lower Upper
129 100
127 75.9 55.3 102.7



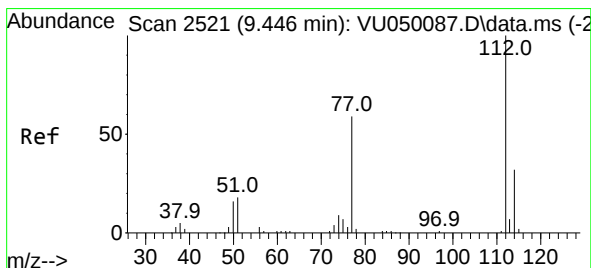
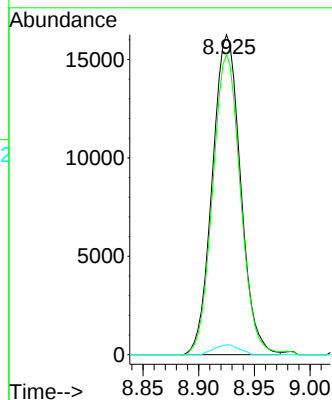
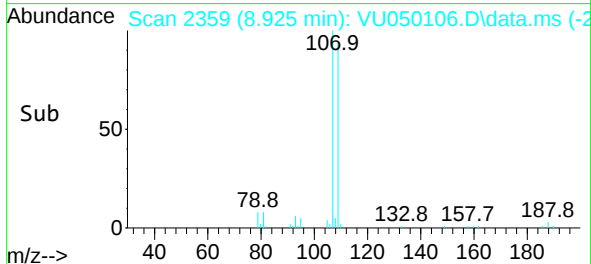


#50
1,2-Dibromoethane
Concen: 5.143 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Instrument :
MSVOA_U
ClientSampleId :

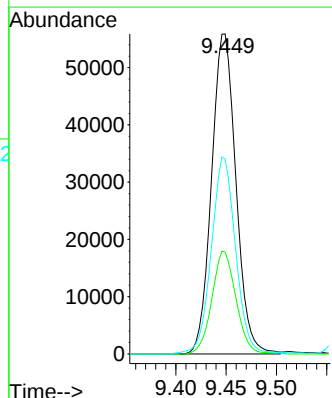
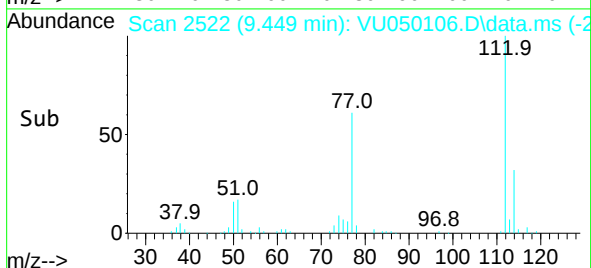
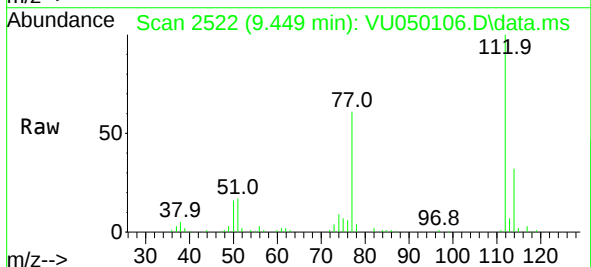


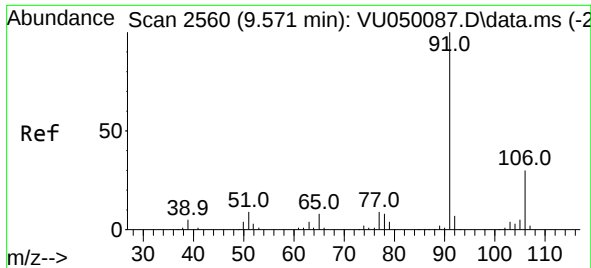
Tgt Ion:107 Resp: 28605
Ion Ratio Lower Upper
107 100
109 93.8 66.6 123.6
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 4.850 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion:112 Resp: 94280
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 61.0 46.3 69.5

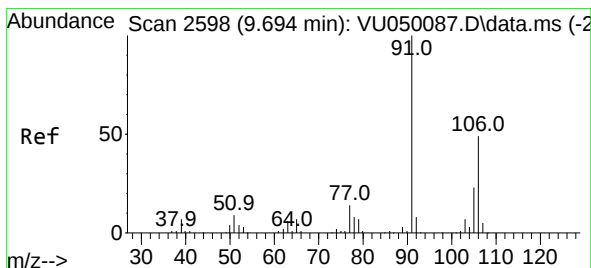
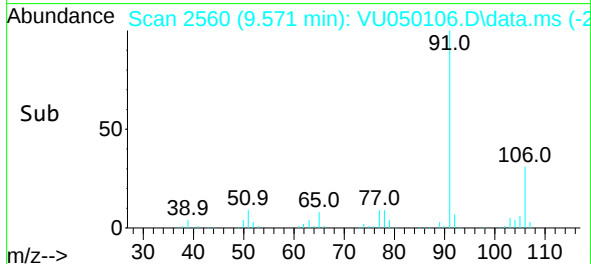
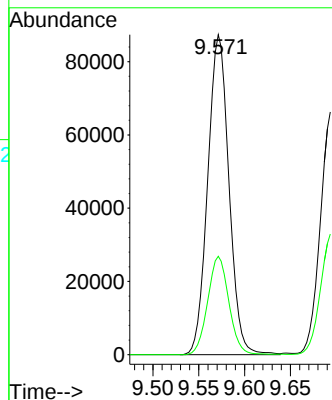
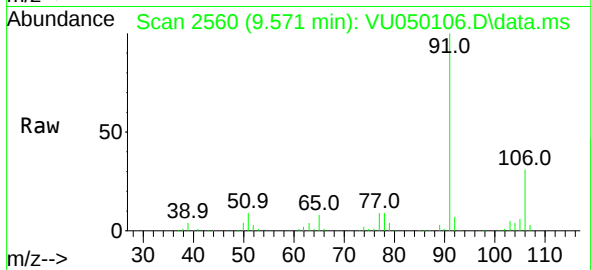




#52
Ethylbenzene
Concen: 4.667 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

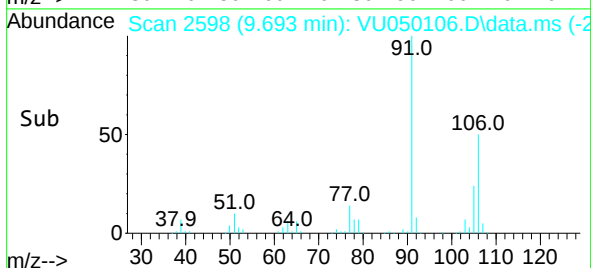
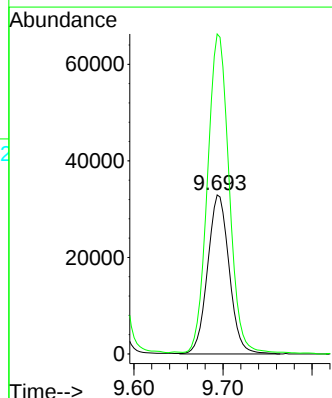
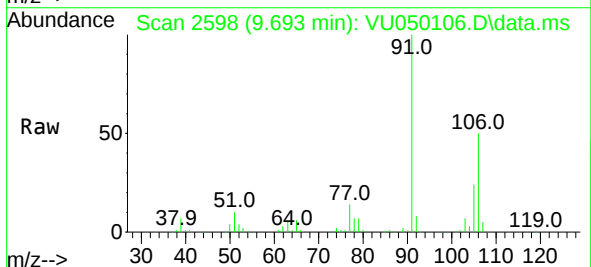
Instrument :
MSVOA_U
ClientSampleId :

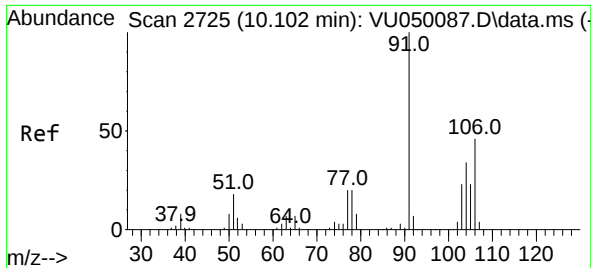
Tgt Ion: 91 Resp: 140699
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5



#53
m,p-Xylene
Concen: 4.987 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion: 106 Resp: 55372
Ion Ratio Lower Upper
106 100
91 201.1 143.1 265.9

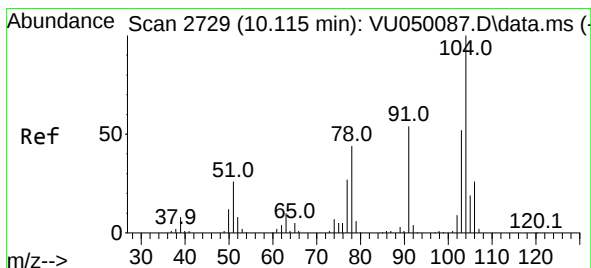
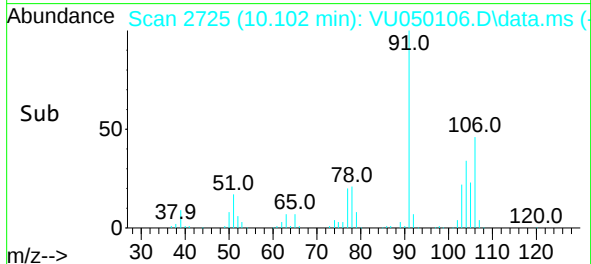
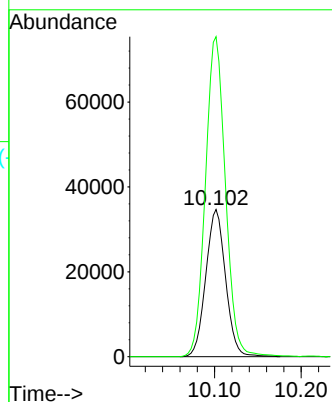
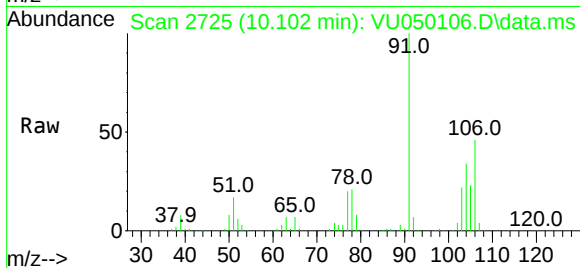




#54
o-Xylene
Concen: 4.961 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

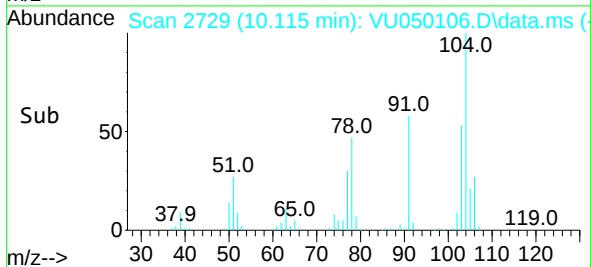
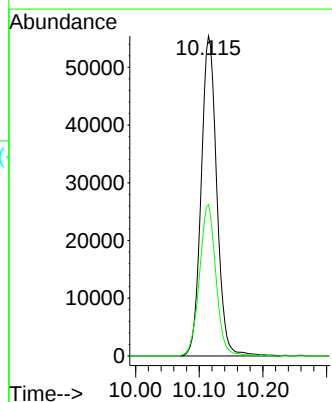
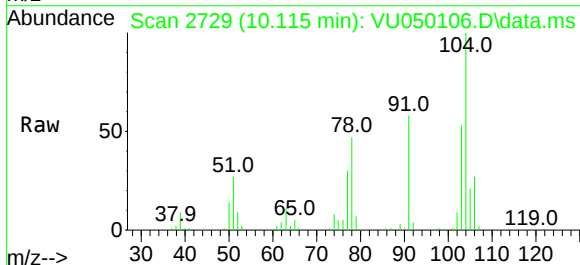
Instrument :
MSVOA_U
ClientSampleId :

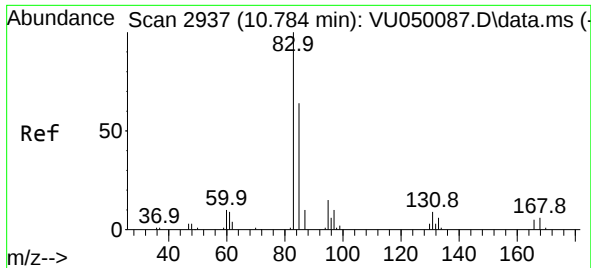
Tgt Ion:106 Resp: 54985
Ion Ratio Lower Upper
106 100
91 217.5 149.4 277.4



#55
Styrene
Concen: 5.105 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion:104 Resp: 94520
Ion Ratio Lower Upper
104 100
78 47.3 31.9 59.3

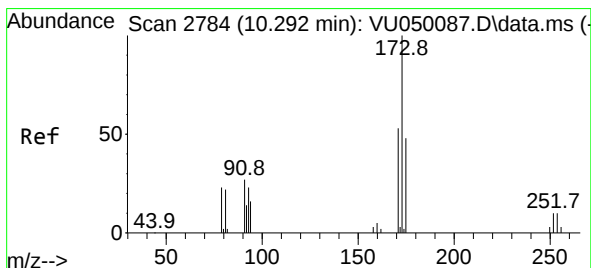
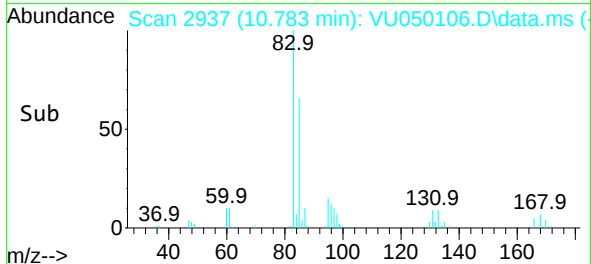
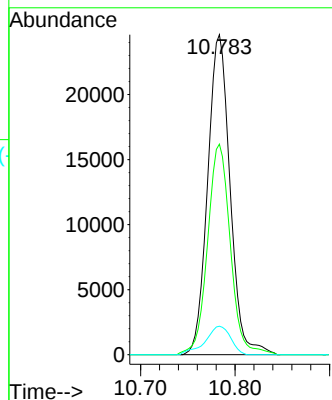
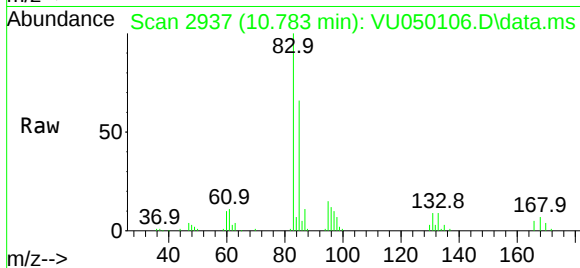




#57
1,1,2,2-Tetrachloroethane
Concen: 5.017 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

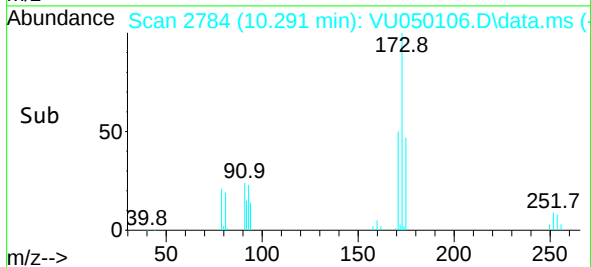
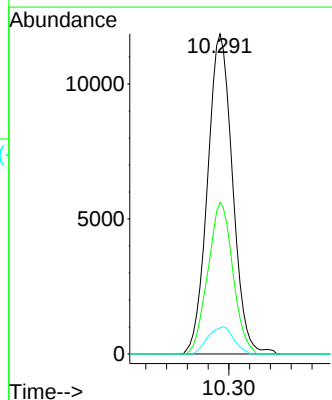
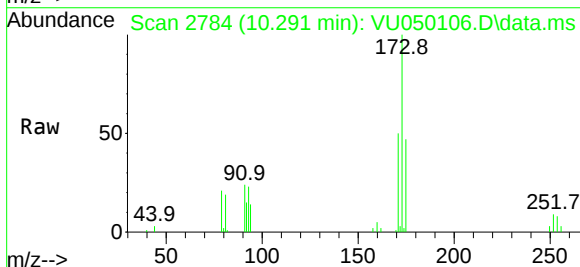
Instrument :
MSVOA_U
ClientSampleId :

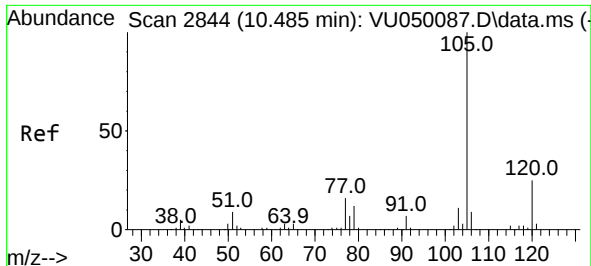
Tgt Ion: 83 Resp: 40441
Ion Ratio Lower Upper
83 100
85 65.8 45.2 84.0
131 8.9 6.6 9.8



#59
Bromoform
Concen: 4.851 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

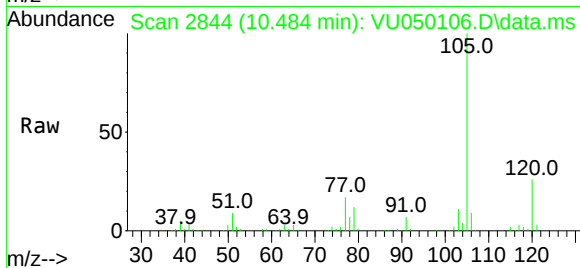
Tgt Ion: 173 Resp: 19780
Ion Ratio Lower Upper
173 100
175 47.2 37.0 55.6
254 8.7 7.4 11.0



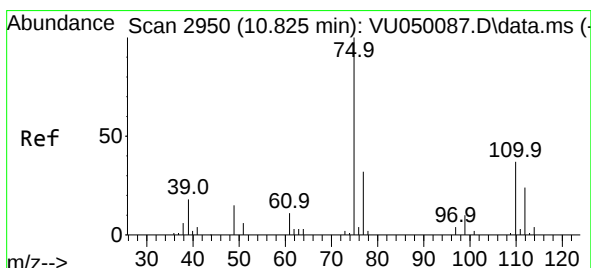
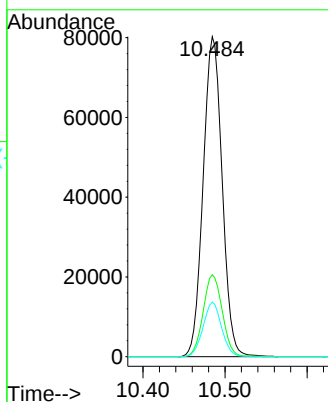
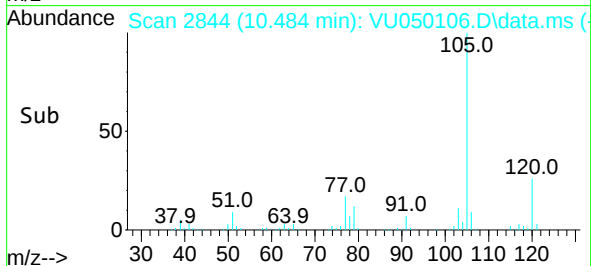


#60
Isopropylbenzene
Concen: 4.753 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

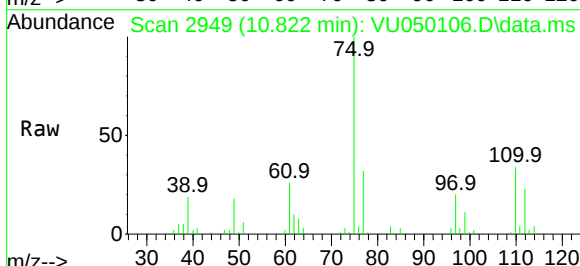
Instrument :
MSVOA_U
ClientSampleId :



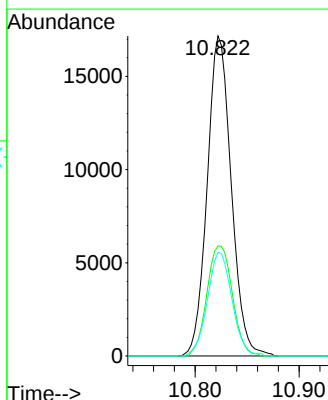
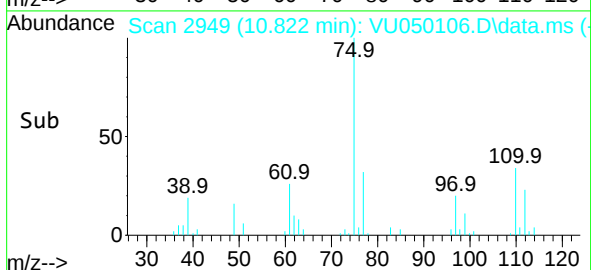
Tgt Ion:105 Resp: 129054
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.6 12.6 19.0

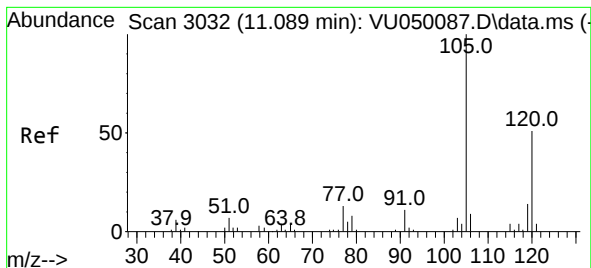


#61
1,2,3-Trichloropropane
Concen: 4.985 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08



Tgt Ion: 75 Resp: 27608
Ion Ratio Lower Upper
75 100
110 36.4 28.5 42.7
77 33.2 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.477 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

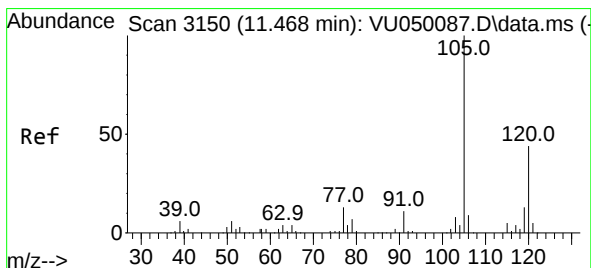
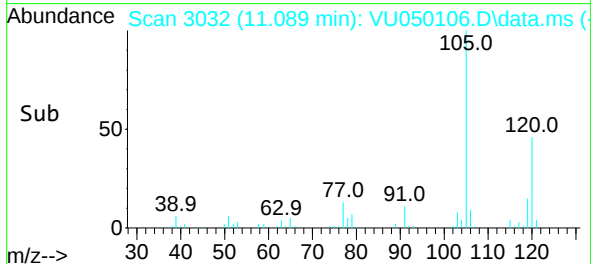
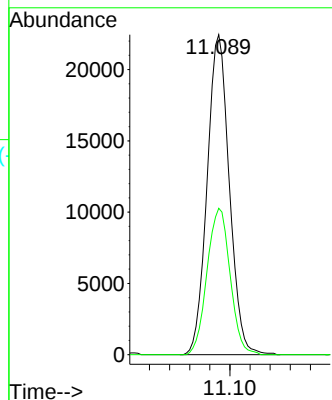
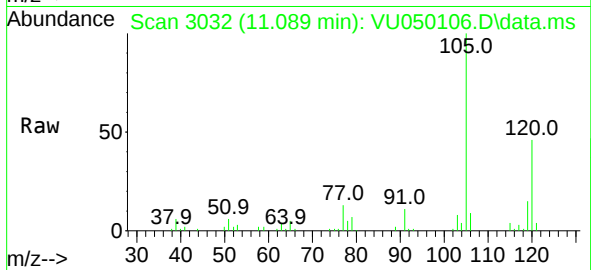
ClientSampleId :

Tgt Ion:105 Resp: 34344

Ion Ratio Lower Upper

105 100

120 47.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.648 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050106.D

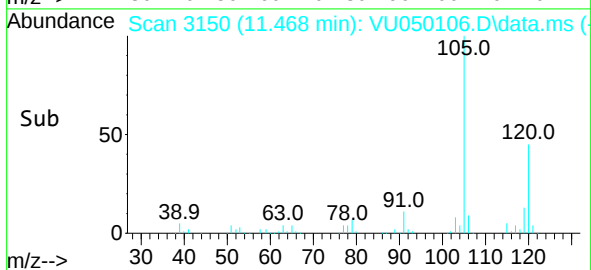
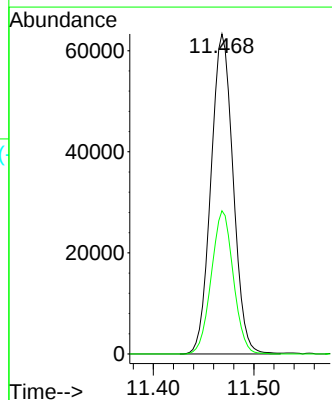
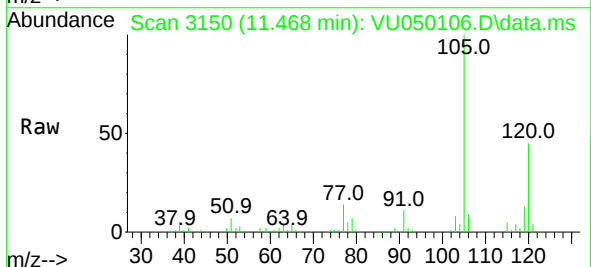
Acq: 05 Aug 2022 19:08

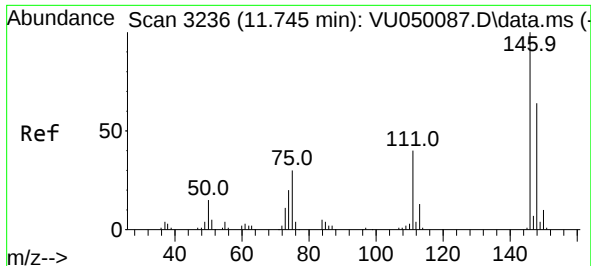
Tgt Ion:105 Resp: 97141

Ion Ratio Lower Upper

105 100

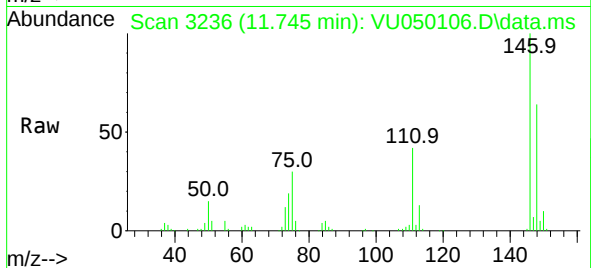
120 44.3 35.9 53.9



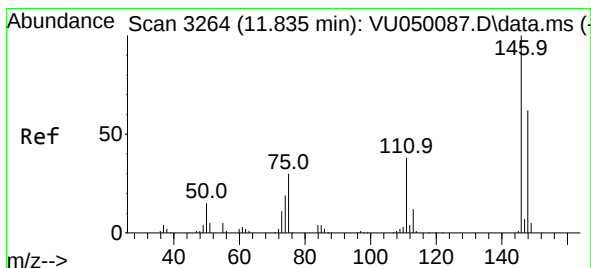
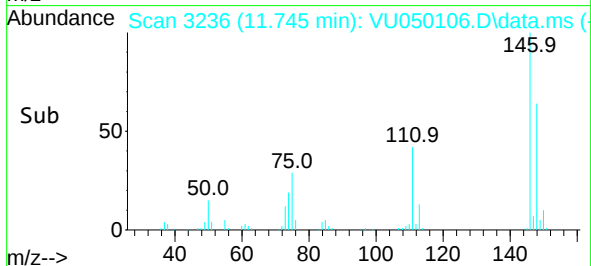
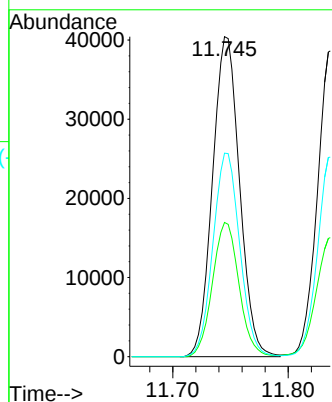


#64
1,3-Dichlorobenzene
Concen: 4.802 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Instrument :
MSVOA_U
ClientSampleId :

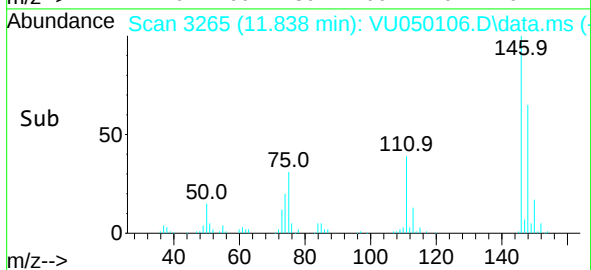
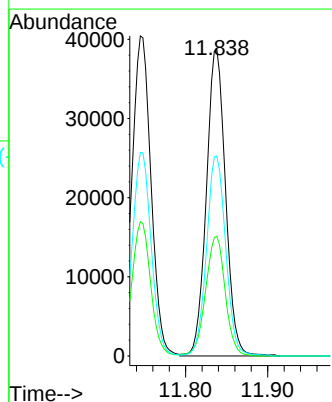
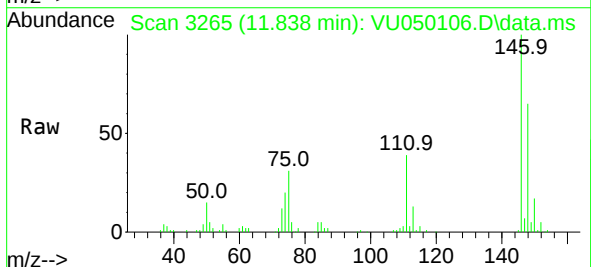


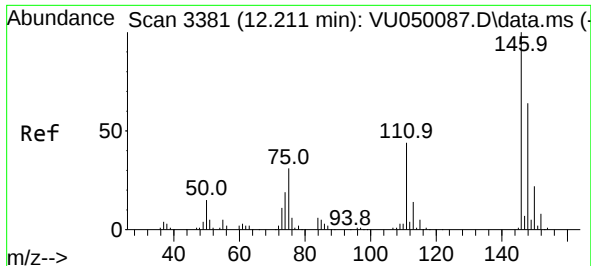
Tgt Ion:146 Resp: 65718
Ion Ratio Lower Upper
146 100
111 41.9 29.9 55.5
148 63.6 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.727 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion:146 Resp: 62950
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.1
148 65.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.846 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

Instrument :

MSVOA_U

ClientSampleId :

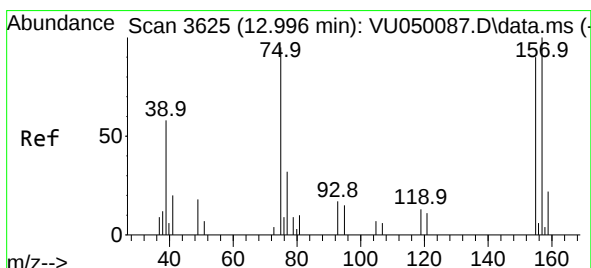
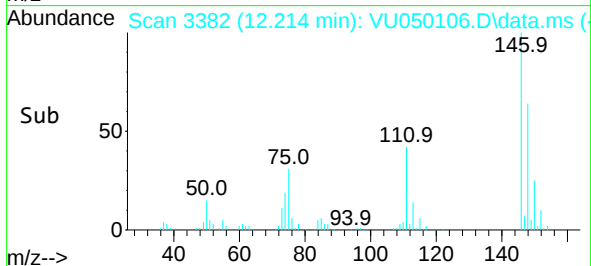
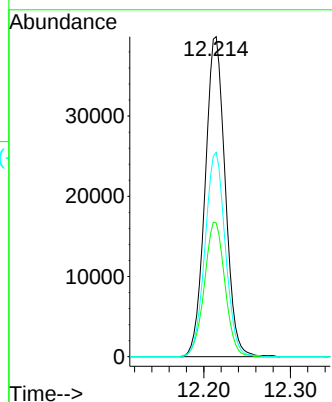
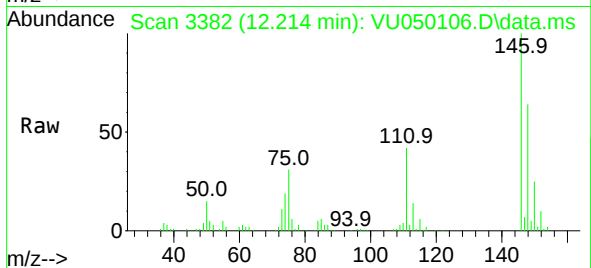
Tgt Ion:146 Resp: 64229

Ion Ratio Lower Upper

146 100

111 41.8 32.9 49.3

148 63.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.339 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050106.D

Acq: 05 Aug 2022 19:08

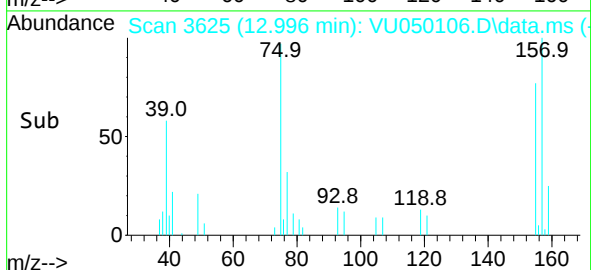
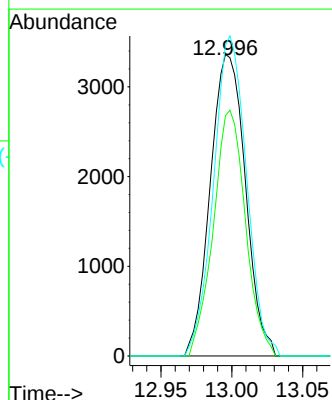
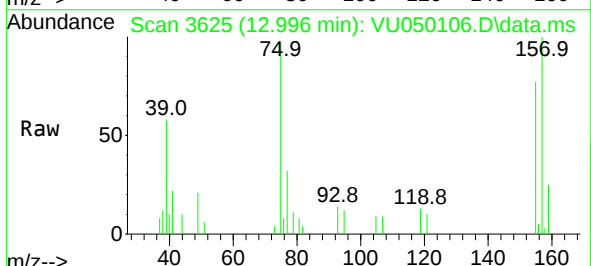
Tgt Ion: 75 Resp: 5798

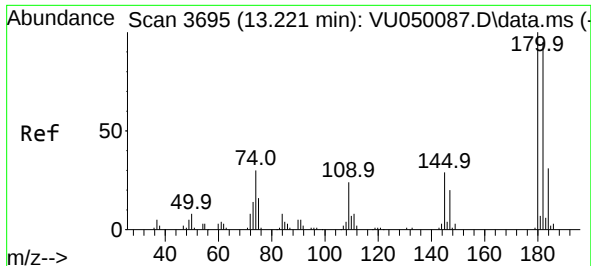
Ion Ratio Lower Upper

75 100

155 79.7 63.5 95.3

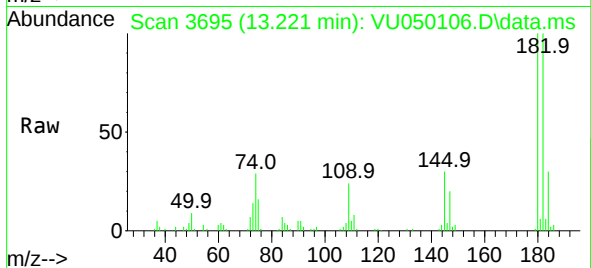
157 103.0 85.0 127.6



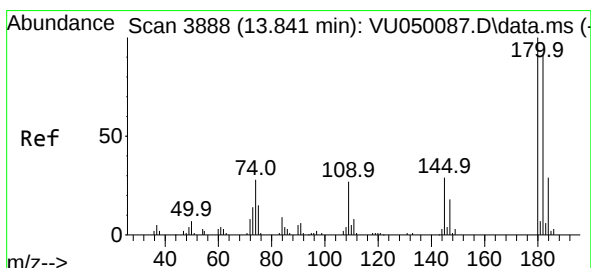
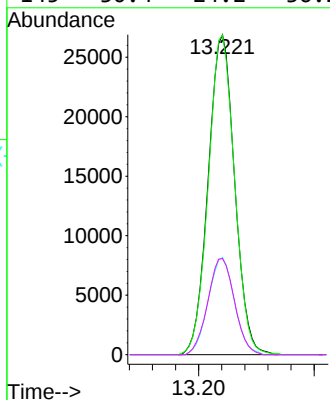
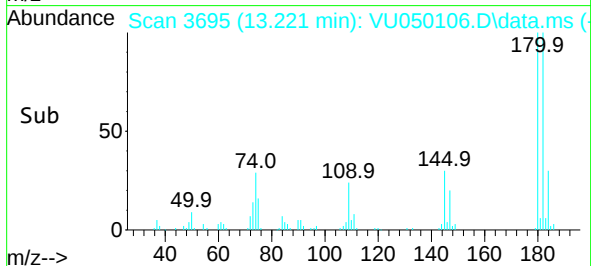


#69
 1,3,5-Trichlorobenzene
 Concen: 4.381 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08

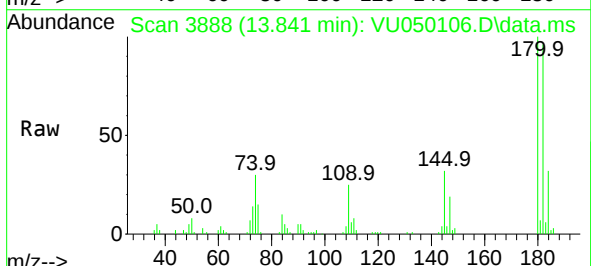
Instrument :
 MSVOA_U
 ClientSampleId :



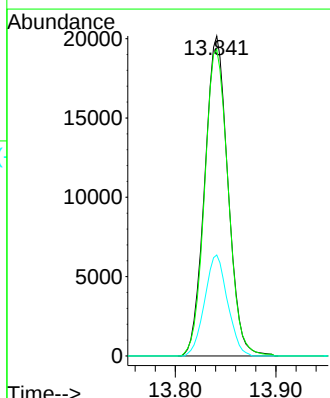
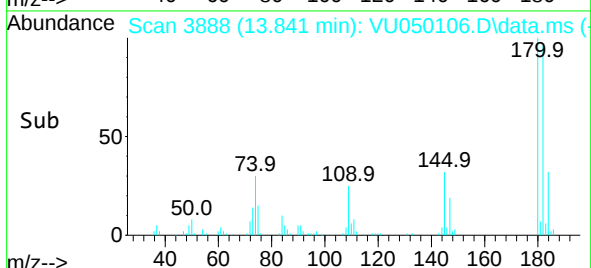
Tgt Ion:180 Resp: 42712
 Ion Ratio Lower Upper
 180 100
 182 98.9 77.3 115.9
 184 30.2 24.1 36.1
 145 30.4 24.2 36.2

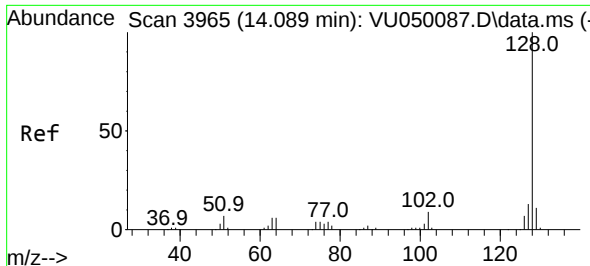


#70
 1,2,4-trichlorobenzene
 Concen: 4.382 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050106.D
 Acq: 05 Aug 2022 19:08



Tgt Ion:180 Resp: 32366
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.9 115.3
 145 31.0 24.2 36.4

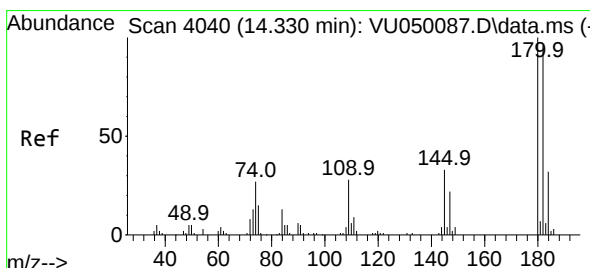
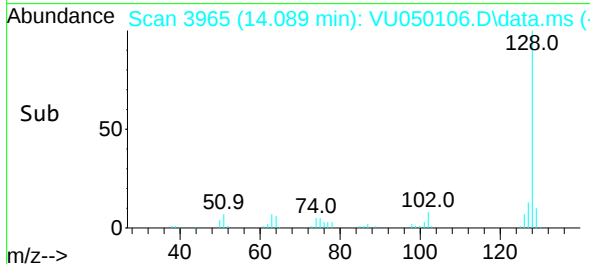
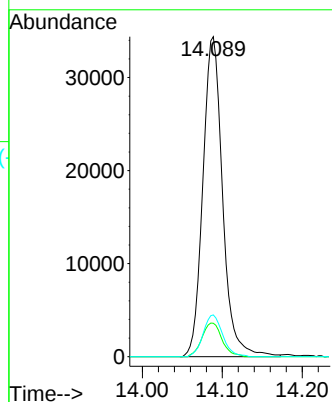
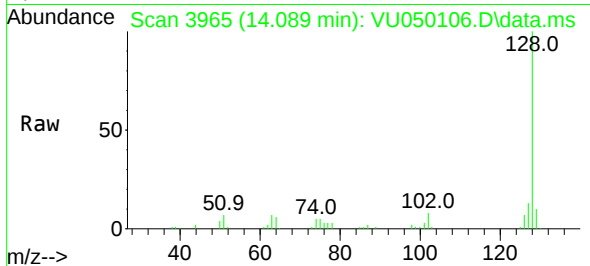




#71
Naphthalene
Concen: 3.897 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	59023
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.9	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.342 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050106.D
Acq: 05 Aug 2022 19:08

Tgt Ion:	180	Resp:	32514
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.5	116.3
145	32.6	25.8	38.6

