

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054580.D
 Acq On : 16 Jun 2023 18:11
 Operator : MD/SY
 Sample : 03284-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

Quant Time: Jun 17 06:16:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262191	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	143026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	58834	3.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.911	69	76427	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.563	65	27605	3.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.628	46	254571	54.263	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.520%
24) Chloroform-d	5.062	84	182258	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.698	65	87419	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.724	84	329278	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.689	67	117316	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	286236	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	35803	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.627	63	180913	52.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92594	5.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	114072	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	113751	4.643	ug/L	99
3) Chloromethane	1.518	50	130083	4.622	ug/L	99
5) Vinyl chloride	1.602	62	140254	4.855	ug/L	99
6) Bromomethane	1.856	94	77368	4.872	ug/L	98
8) Chloroethane	1.933	64	87038	5.027	ug/L	100
9) Trichlorofluoromethane	2.139	101	183934	5.179	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	105764	5.091	ug/L	99
12) 1,1-Dichloroethene	2.579	96	94789	4.984	ug/L	98
13) Acetone	2.637	43	164056	37.088	ug/L	97
14) Carbon disulfide	2.792	76	265311	4.705	ug/L	100
15) Methyl Acetate	2.952	43	39770	4.852	ug/L	98
16) Methylene chloride	3.042	84	110042	4.115	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	245058	5.221	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	103842	5.289	ug/L	94
19) 1,1-Dichloroethane	3.866	63	298931	7.357	ug/L	98
21) 2-Butanone	4.705	43	266370	46.400	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	138610	6.199	ug/L	99
23) Bromochloromethane	4.972	128	49199	5.288	ug/L	91
25) Chloroform	5.084	83	213316	5.325	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054580.D
 Acq On : 16 Jun 2023 18:11
 Operator : MD/SY
 Sample : 03284-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

Quant Time: Jun 17 06:16:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

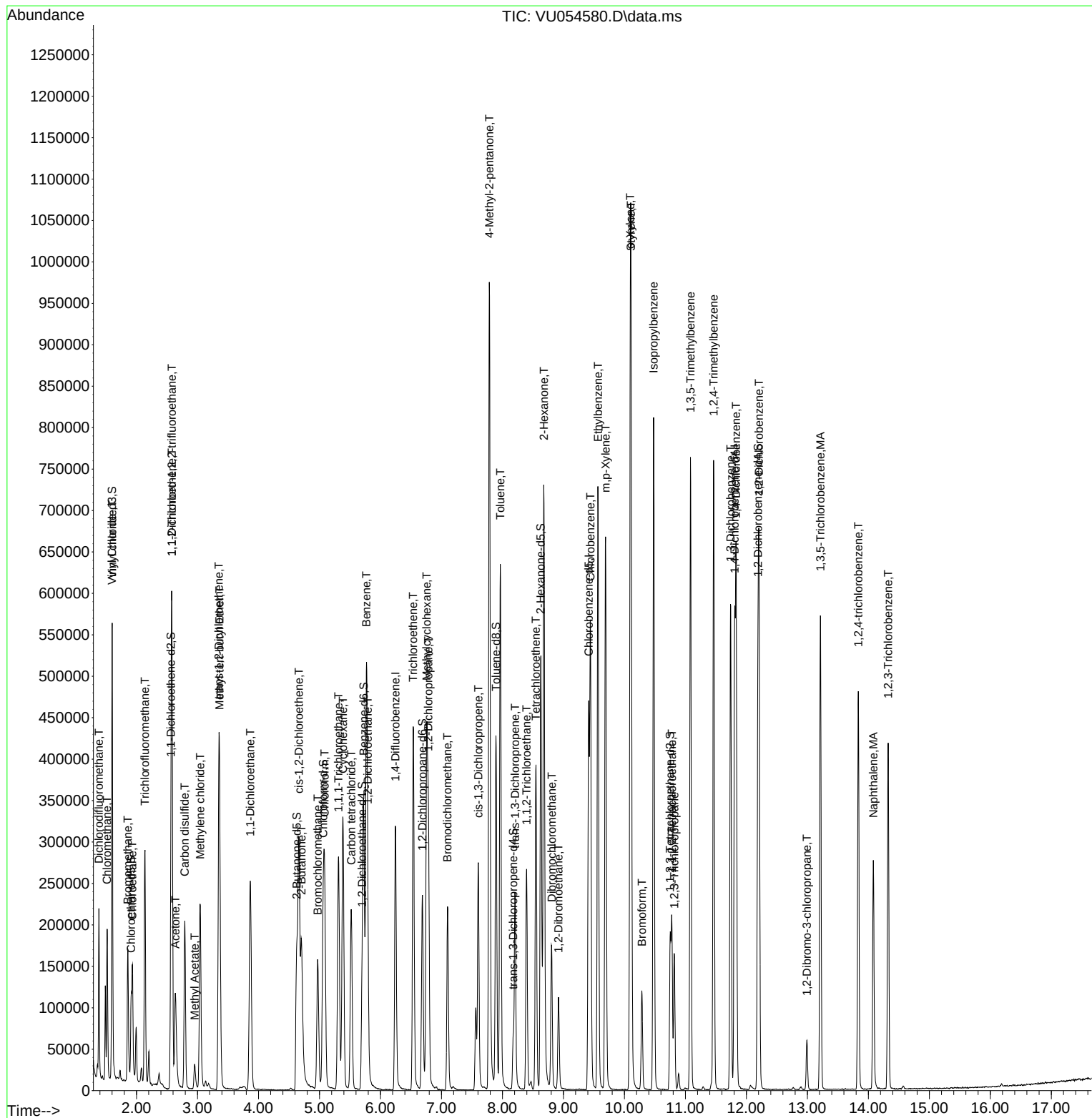
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	125994	5.366	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	204577	5.888	ug/L	99
30) Cyclohexane	5.386	56	165875	4.383	ug/L	98
31) Carbon tetrachloride	5.521	117	150726	5.035	ug/L	98
33) Benzene	5.769	78	458855	4.983	ug/L	100
34) Trichloroethene	6.537	95	156022	6.408	ug/L	97
35) Methylcyclohexane	6.759	83	157894	4.290	ug/L	98
37) 1,2-Dichloropropane	6.785	63	123355	4.954	ug/L	100
38) Bromodichloromethane	7.100	83	146662	5.204	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	168478	4.956	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	641097	48.251	ug/L	99
42) Toluene	7.965	91	481065	5.073	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	137634	4.989	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	83702	5.285	ug/L	97
47) Tetrachloroethene	8.550	164	90465	4.854	ug/L	98
48) 2-Hexanone	8.679	43	464593	46.928	ug/L	98
49) Dibromochloromethane	8.807	129	91734	5.516	ug/L	99
50) 1,2-Dibromoethane	8.920	107	76638	5.270	ug/L	98
51) Chlorobenzene	9.444	112	301617	5.102	ug/L	97
52) Ethylbenzene	9.566	91	517996	5.002	ug/L	99
53) m,p-Xylene	9.692	106	196870	5.175	ug/L	96
54) o-Xylene	10.097	106	190750	5.185	ug/L	100
55) Styrene	10.110	104	323467	5.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	103192	5.129	ug/L	100
59) Bromoform	10.286	173	54848	5.342	ug/L	98
60) Isopropylbenzene	10.479	105	522079	4.990	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	70379	4.869	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	404709	4.741	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	418044	4.822	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	246691	5.044	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	248926	5.071	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	230632	5.127	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	15579	4.905	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	183688	4.978	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	148889	4.879	ug/L	99
71) Naphthalene	14.084	128	226186	4.559	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	130941	4.995	ug/L	98

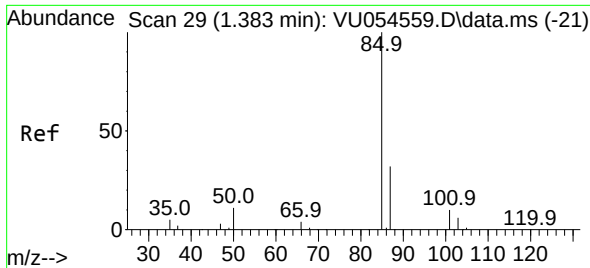
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
Data File : VU054580.D
Acq On : 16 Jun 2023 18:11
Operator : MD/SY
Sample : 03284-10MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

Quant Time: Jun 17 06:16:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 17 06:10:25 2023
Response via : Initial Calibration

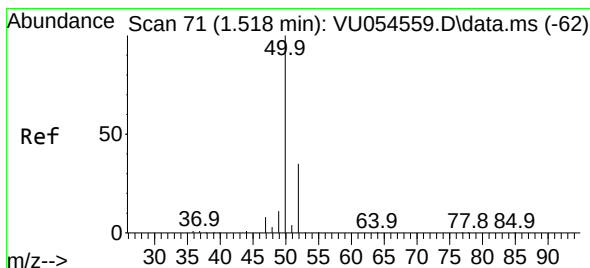
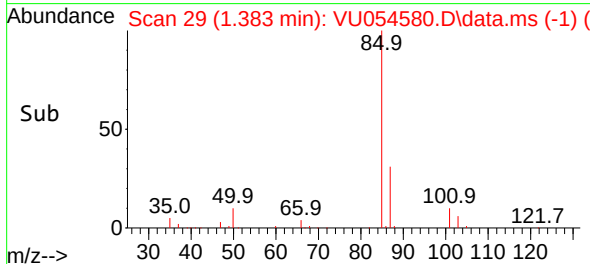
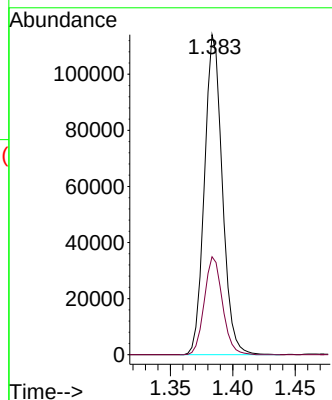
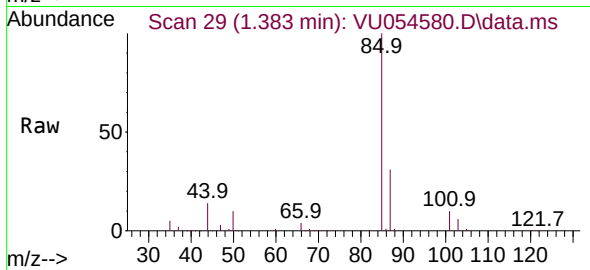




#2
 Dichlorodifluoromethane
 Concen: 4.643 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

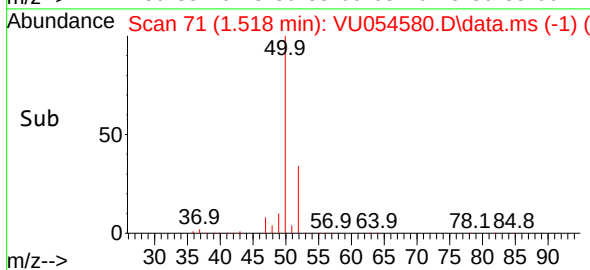
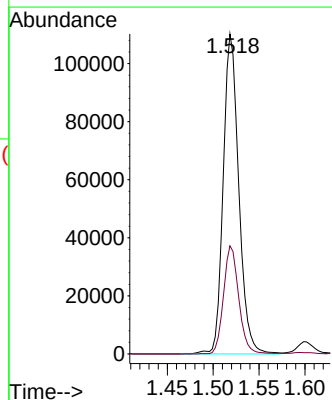
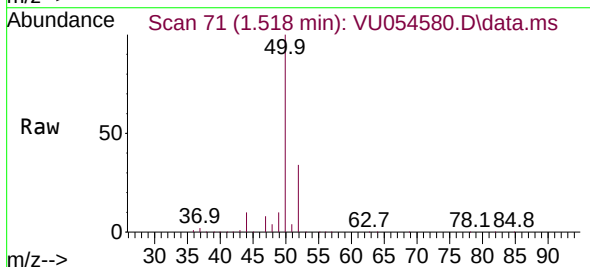
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

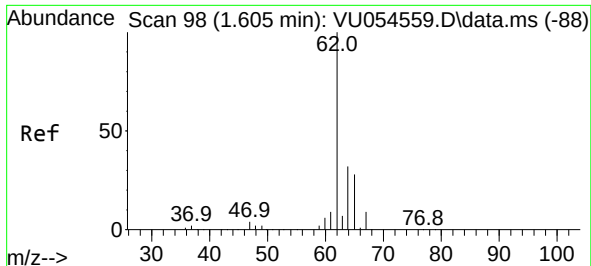
Tgt Ion: 85 Resp: 113751
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.4 38.2



#3
 Chloromethane
 Concen: 4.622 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

Tgt Ion: 50 Resp: 130083
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.4 43.4

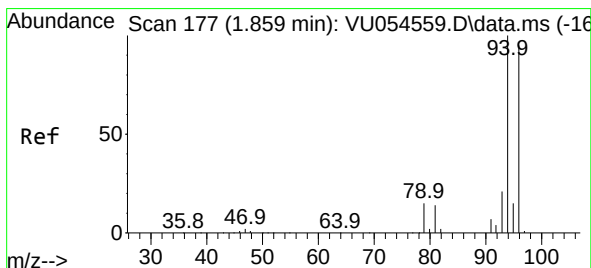
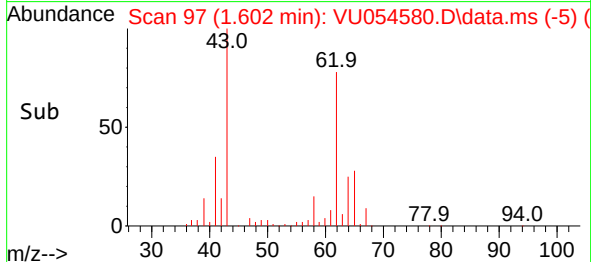
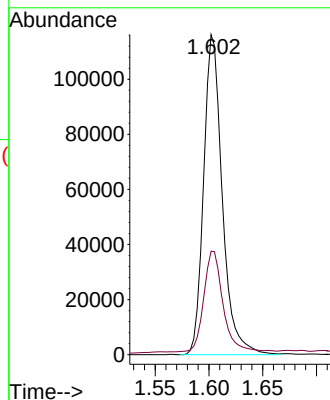
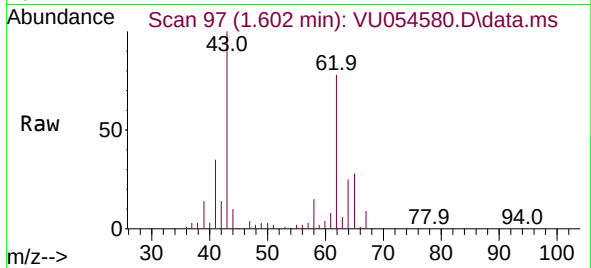




#5
 Vinyl chloride
 Concen: 4.855 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

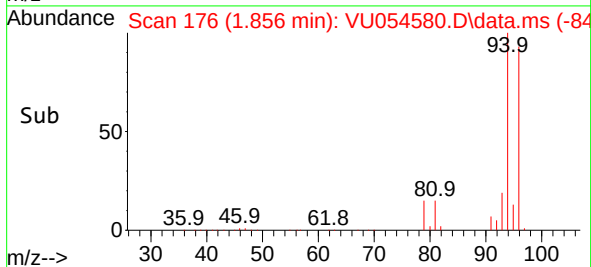
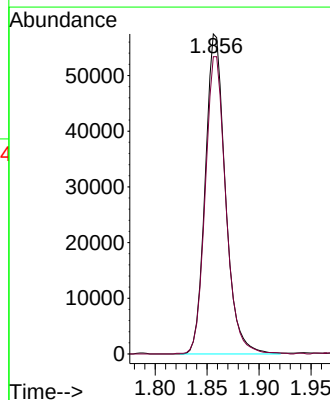
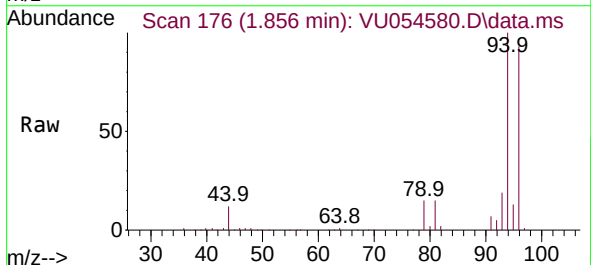
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

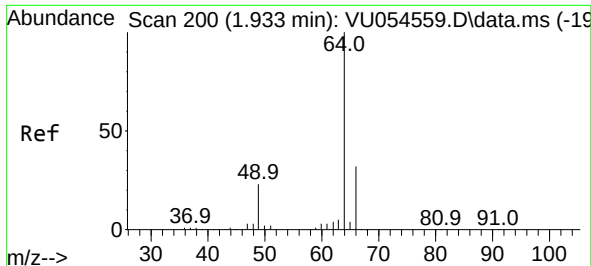
Tgt Ion: 62 Resp: 140254
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.6



#6
 Bromomethane
 Concen: 4.872 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

Tgt Ion: 94 Resp: 77368
 Ion Ratio Lower Upper
 94 100
 96 92.9 63.6 118.2

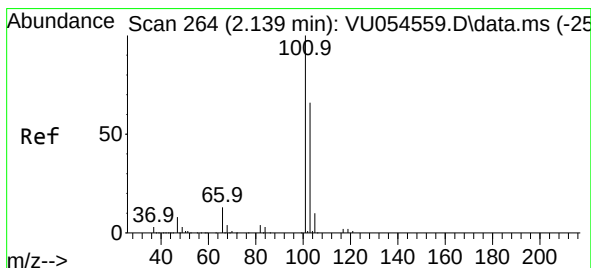
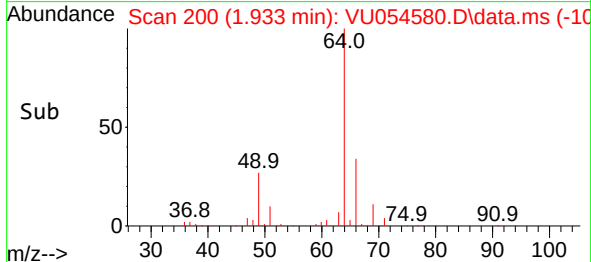
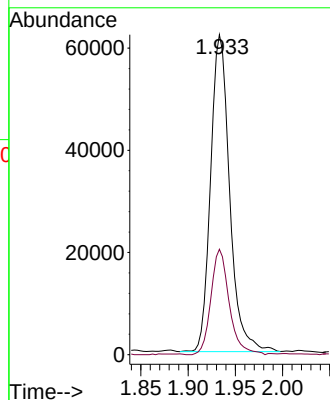
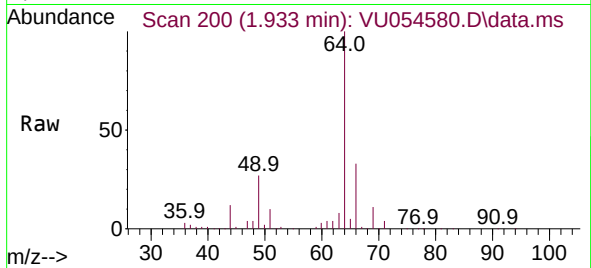




#8
Chloroethane
Concen: 5.027 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

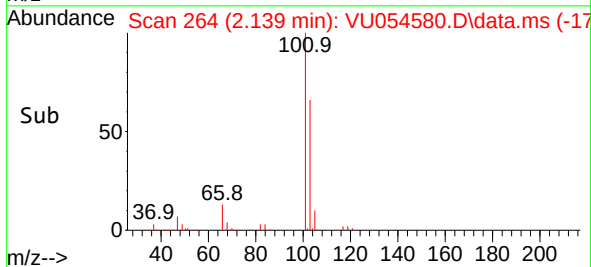
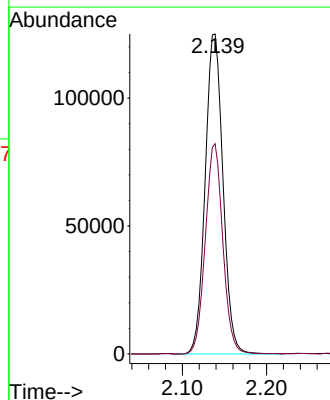
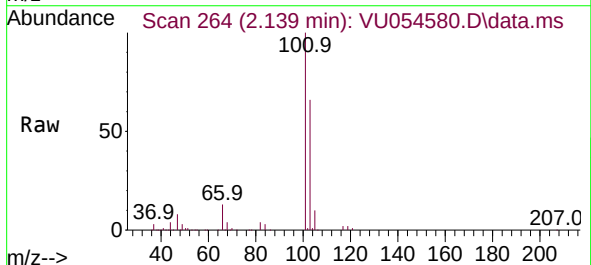
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

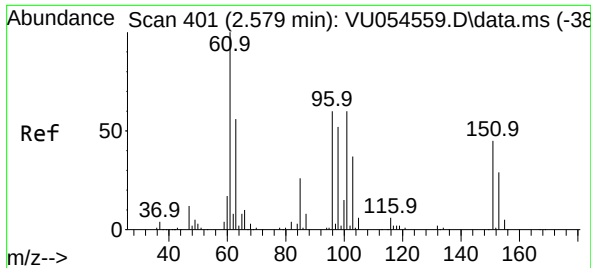
Tgt Ion: 64 Resp: 87038
Ion Ratio Lower Upper
64 100
66 33.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.179 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion:101 Resp: 183934
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

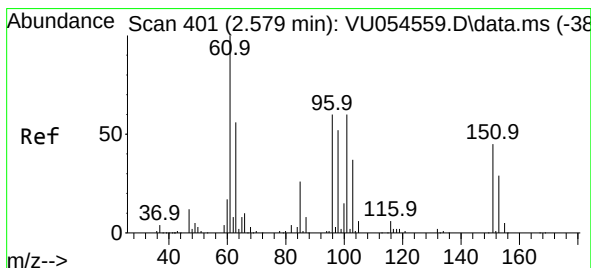
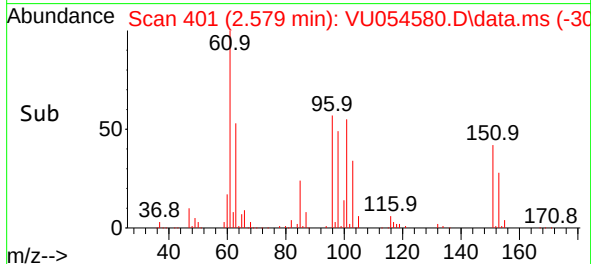
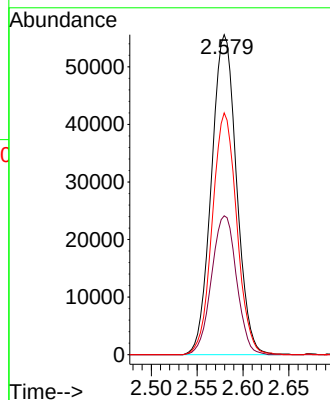
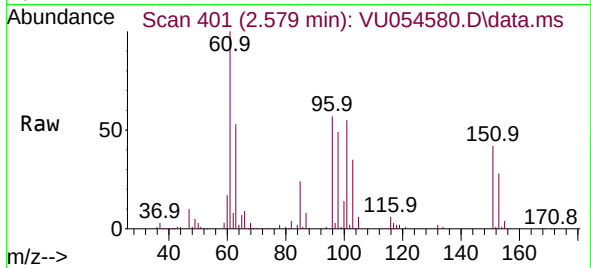




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.091 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

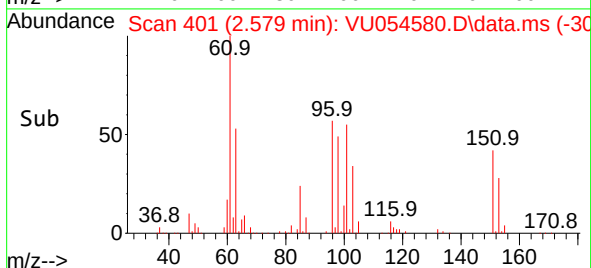
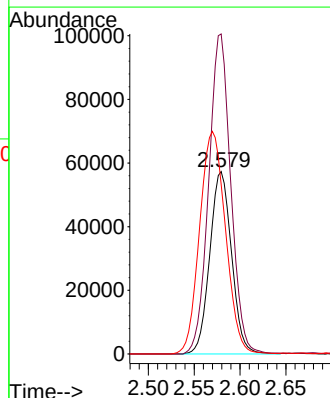
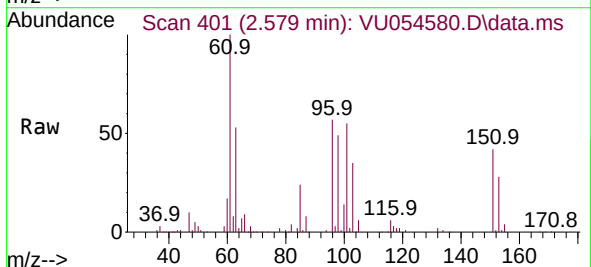
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

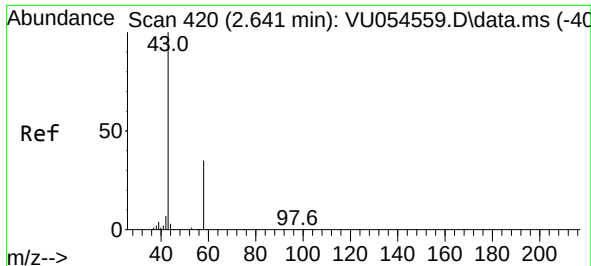
Tgt Ion:101 Resp: 105764
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 51.8
 151 73.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 4.984 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

Tgt Ion: 96 Resp: 94789
 Ion Ratio Lower Upper
 96 100
 61 175.5 119.9 222.7
 63 93.0 64.3 119.3





#13

Acetone

Concen: 37.088 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

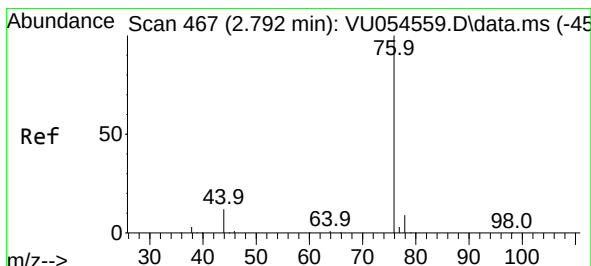
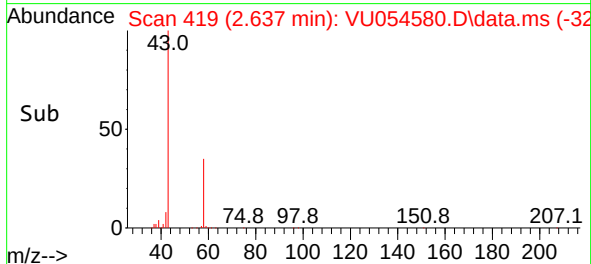
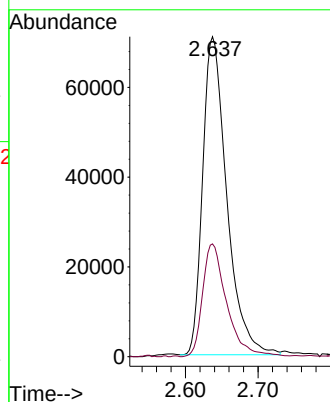
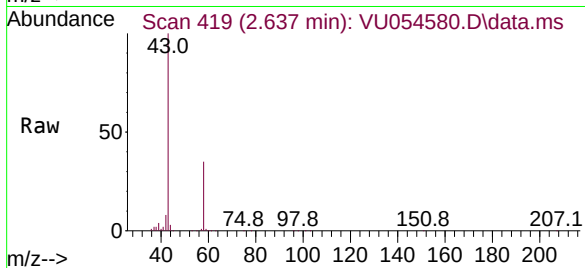
DCGZ6MS

Tgt Ion: 43 Resp: 164056

Ion Ratio Lower Upper

43 100

58 35.4 0.0 67.2



#14

Carbon disulfide

Concen: 4.705 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054580.D

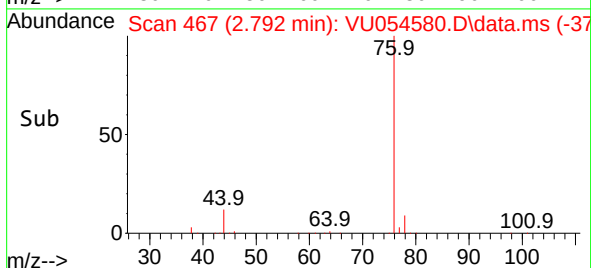
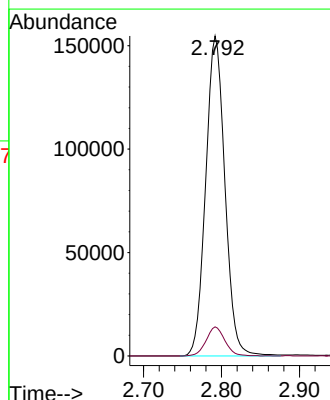
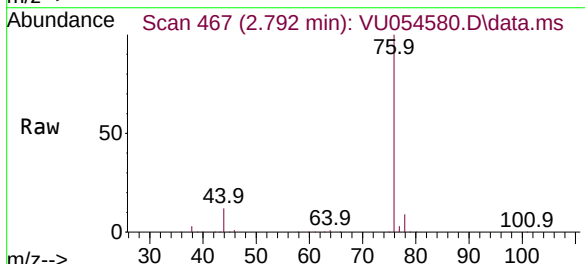
Acq: 16 Jun 2023 18:11

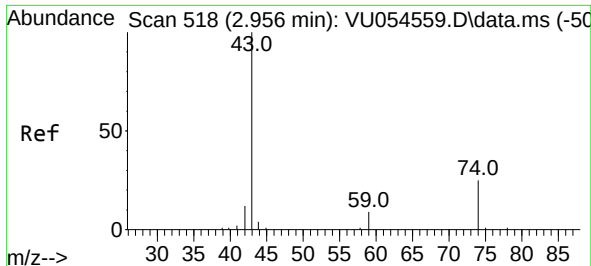
Tgt Ion: 76 Resp: 265311

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

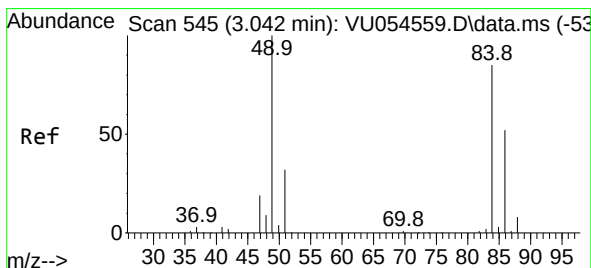
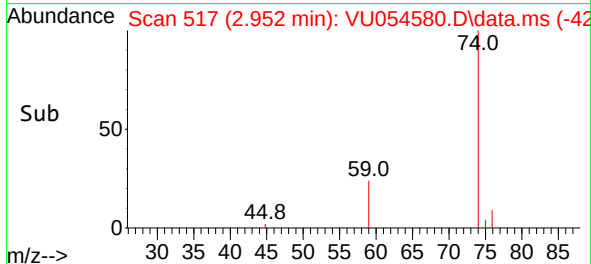
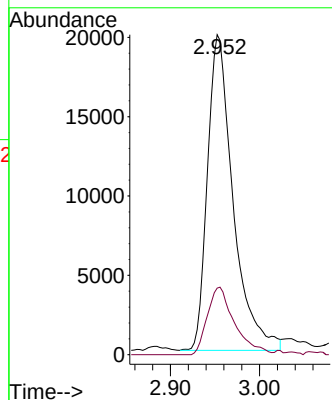
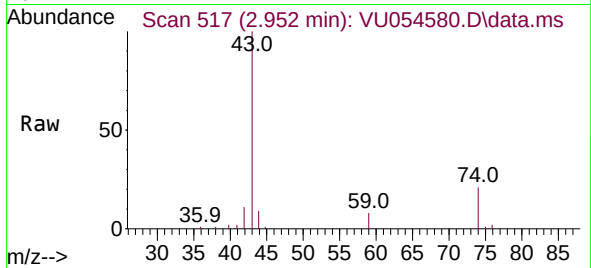




#15
Methyl Acetate
Concen: 4.852 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

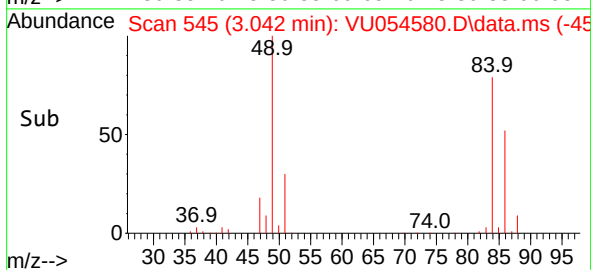
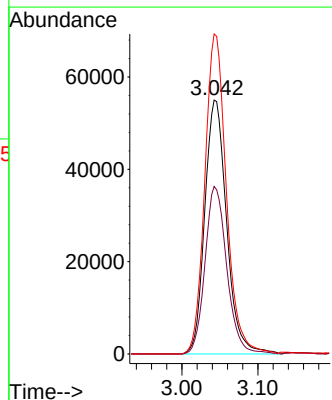
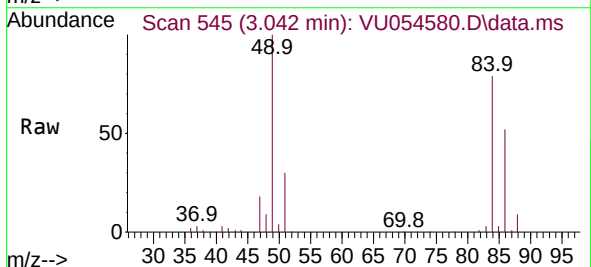
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

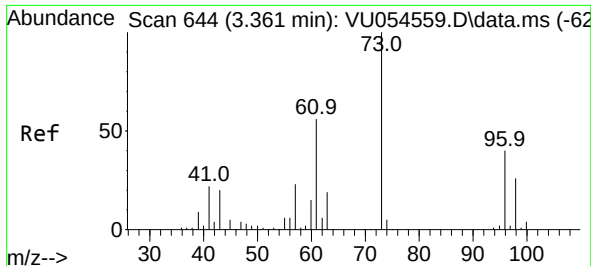
Tgt Ion: 43 Resp: 39770
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.6



#16
Methylene chloride
Concen: 4.115 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion: 84 Resp: 110042
Ion Ratio Lower Upper
84 100
86 66.0 43.9 81.5
49 126.0 86.1 159.9

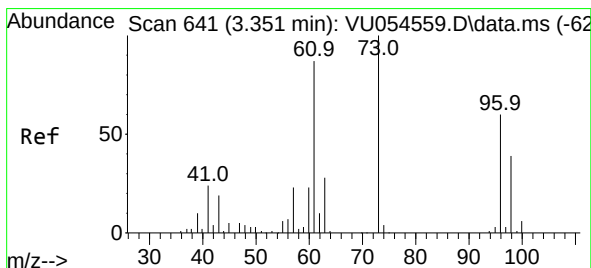
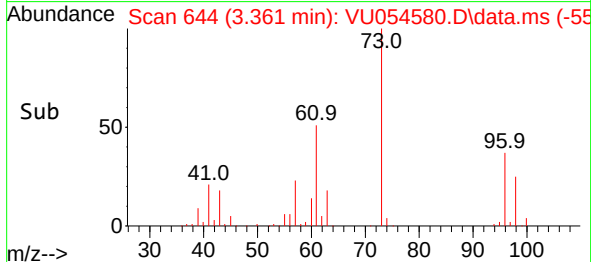
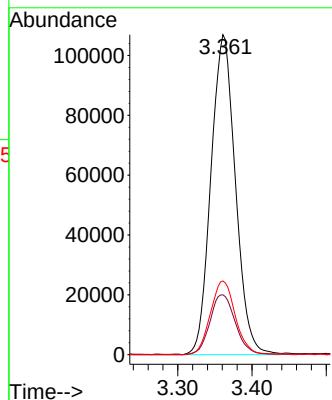
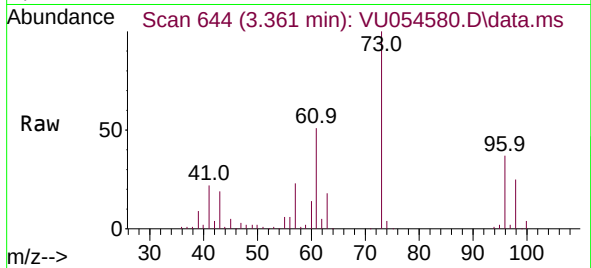




#17
Methyl tert-butyl Ether
Concen: 5.221 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

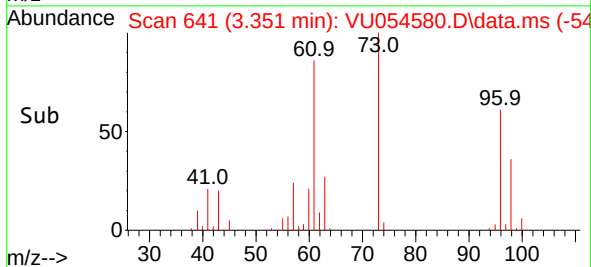
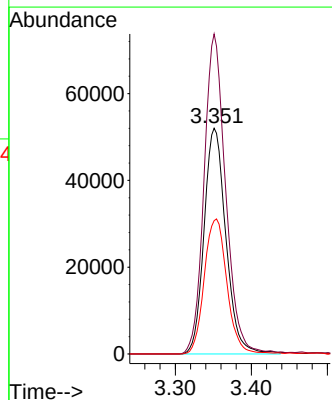
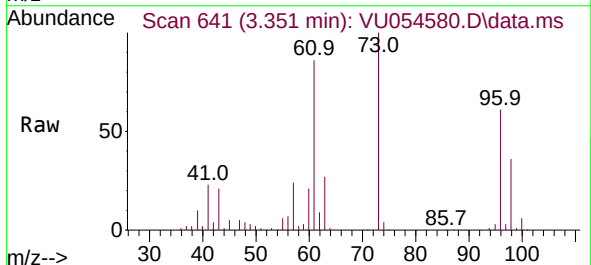
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

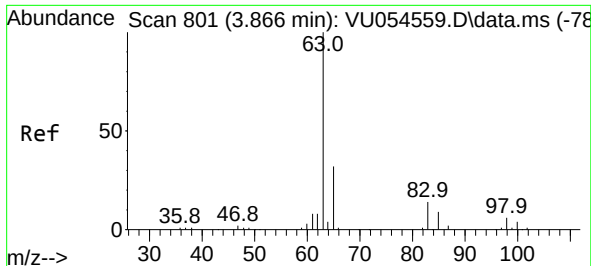
Tgt Ion: 73 Resp: 245058
Ion Ratio Lower Upper
73 100
43 19.5 15.7 23.5
57 23.5 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.289 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion: 96 Resp: 103842
Ion Ratio Lower Upper
96 100
61 141.7 104.6 194.2
98 59.0 45.4 84.4





#19

1,1-Dichloroethane

Concen: 7.357 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6MS

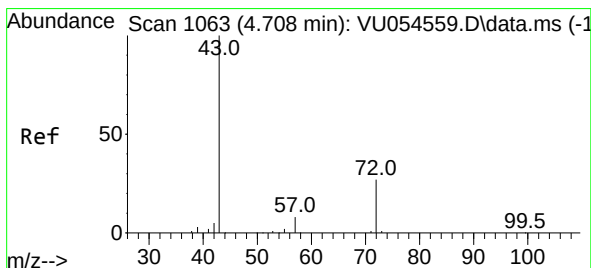
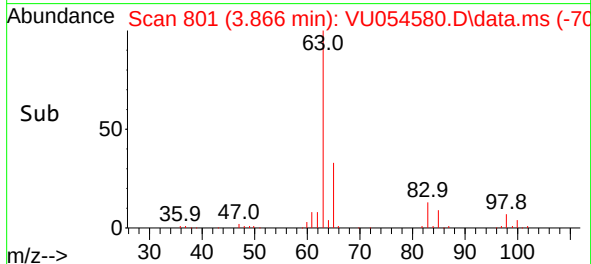
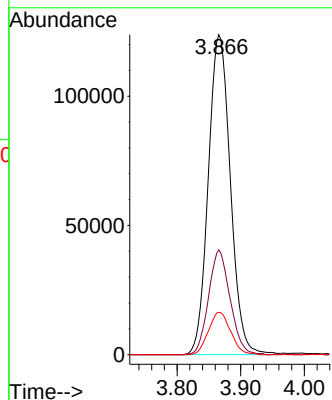
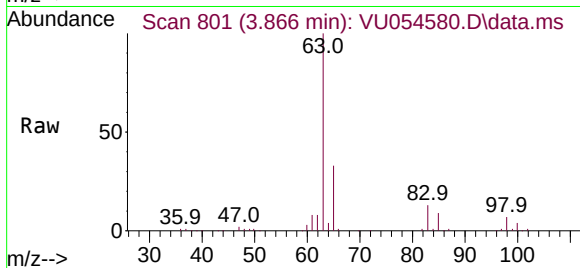
Tgt Ion: 63 Resp: 298931

Ion Ratio Lower Upper

63 100

65 32.8 22.2 41.2

83 13.3 9.0 16.6



#21

2-Butanone

Concen: 46.400 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU054580.D

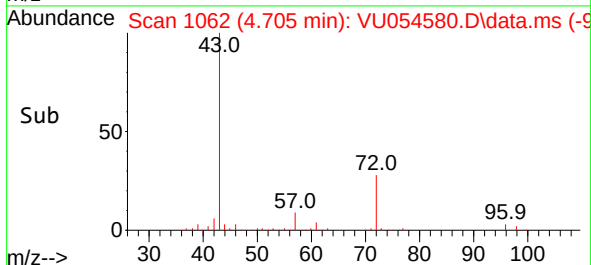
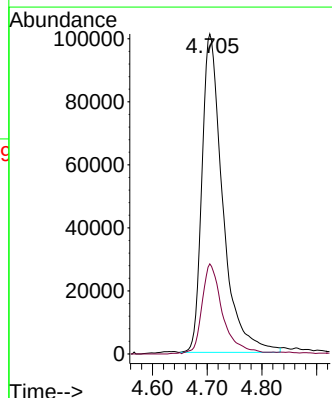
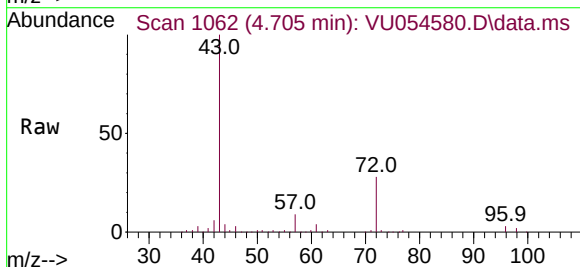
Acq: 16 Jun 2023 18:11

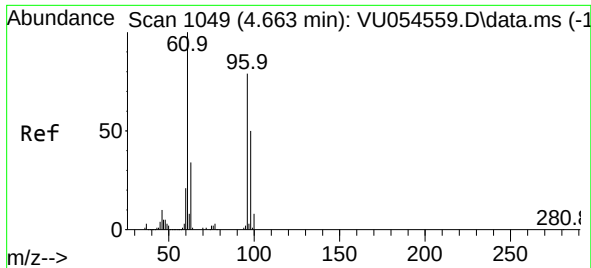
Tgt Ion: 43 Resp: 266370

Ion Ratio Lower Upper

43 100

72 27.8 13.4 40.1

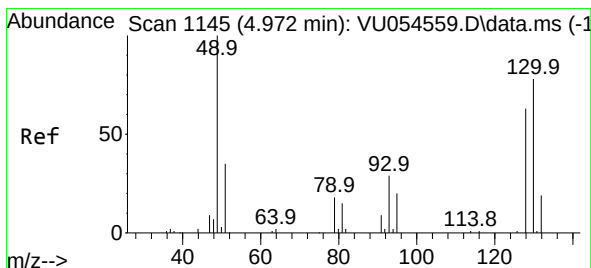
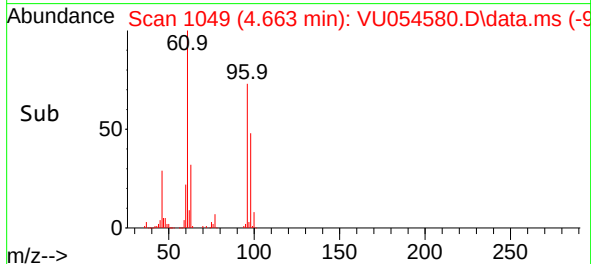
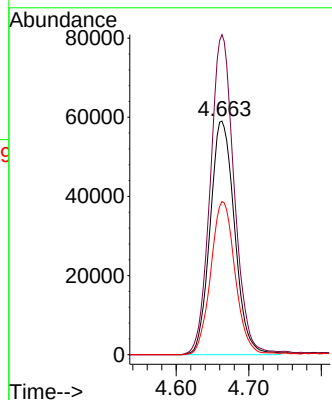
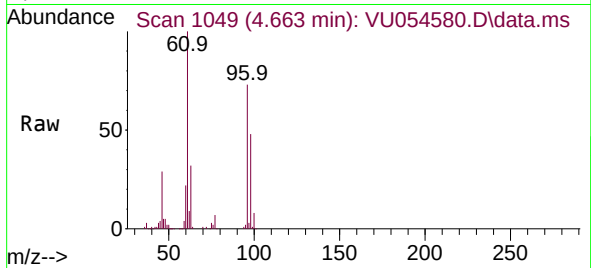




#22
cis-1,2-Dichloroethene
Concen: 6.199 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

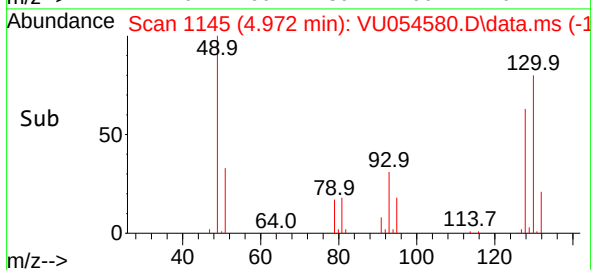
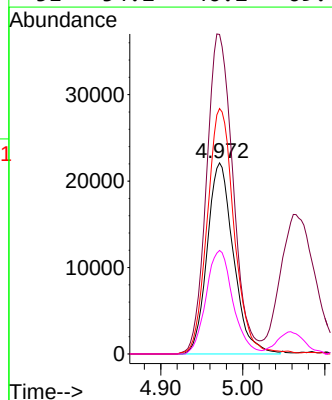
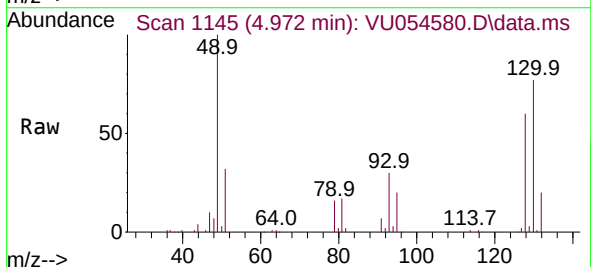
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

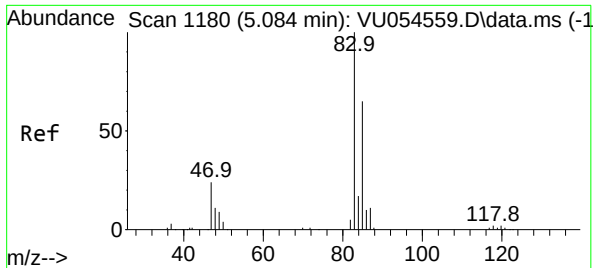
Tgt Ion: 96 Resp: 138610
Ion Ratio Lower Upper
96 100
61 137.0 96.5 179.1
98 65.5 44.9 83.3



#23
Bromochloromethane
Concen: 5.288 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion:128 Resp: 49199
Ion Ratio Lower Upper
128 100
49 167.3 132.1 245.3
130 128.5 91.5 169.9
51 54.2 46.2 69.4





#25

Chloroform

Concen: 5.325 ug/L

RT: 5.084 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

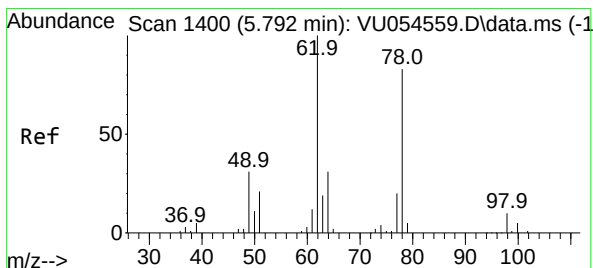
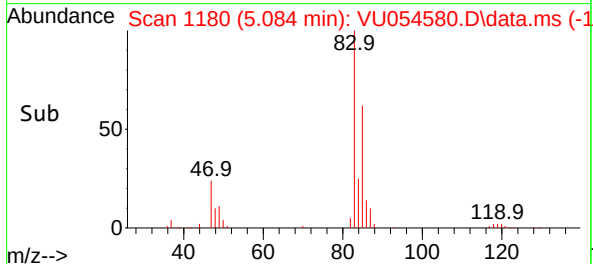
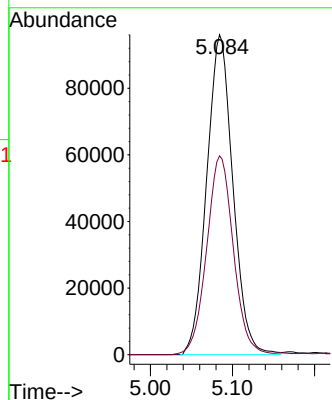
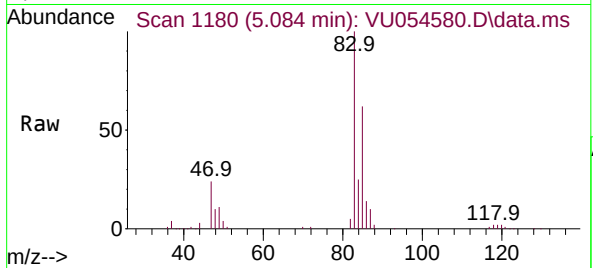
DCGZ6MS

Tgt Ion: 83 Resp: 213316

Ion Ratio Lower Upper

83 100

85 62.2 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.366 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU054580.D

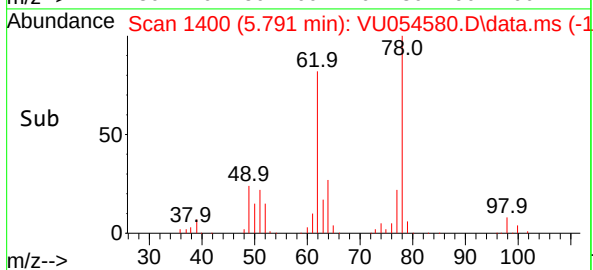
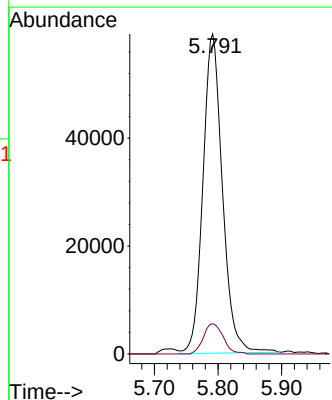
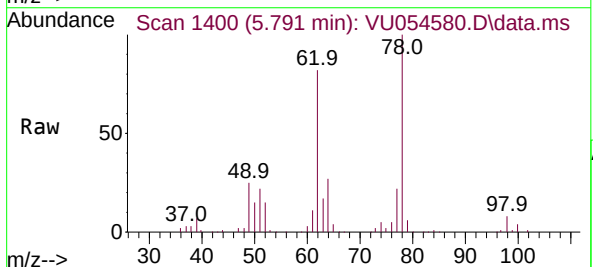
Acq: 16 Jun 2023 18:11

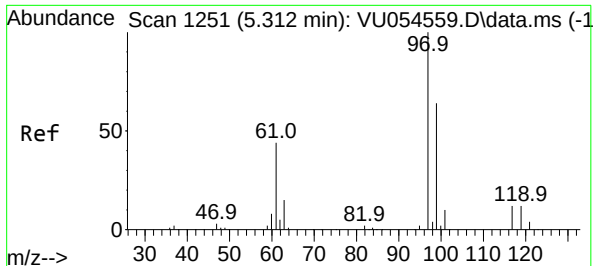
Tgt Ion: 62 Resp: 125994

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.888 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6MS

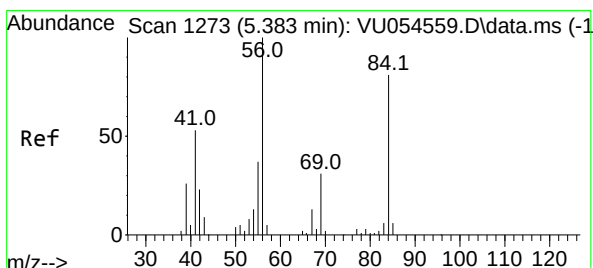
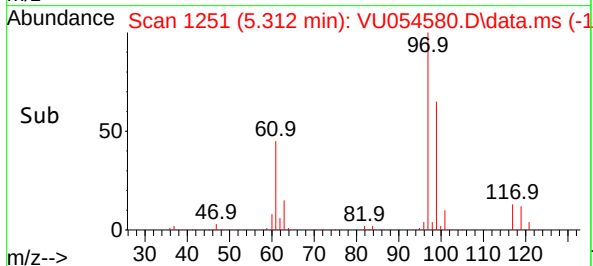
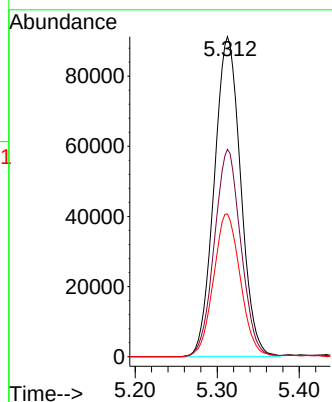
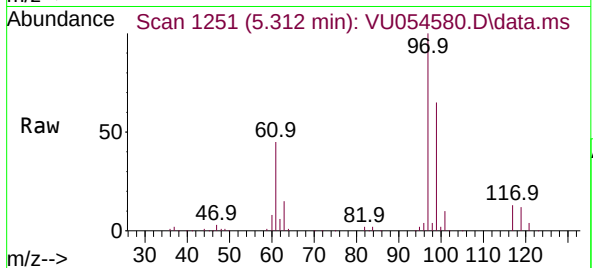
Tgt Ion: 97 Resp: 204577

Ion Ratio Lower Upper

97 100

99 65.1 50.8 76.2

61 45.4 36.1 54.1



#30

Cyclohexane

Concen: 4.383 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

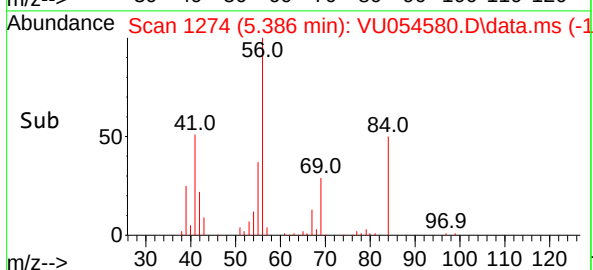
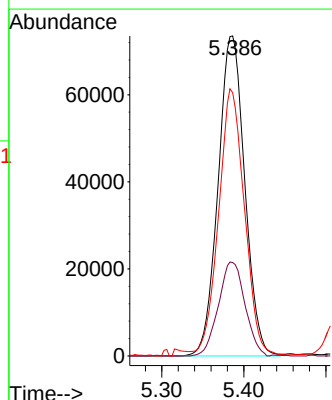
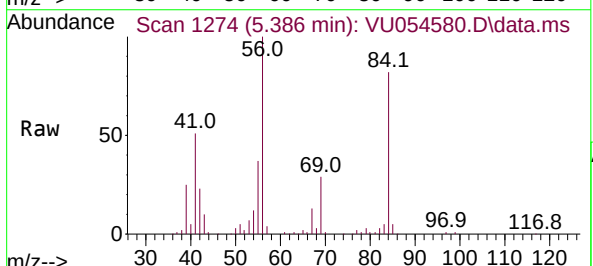
Tgt Ion: 56 Resp: 165875

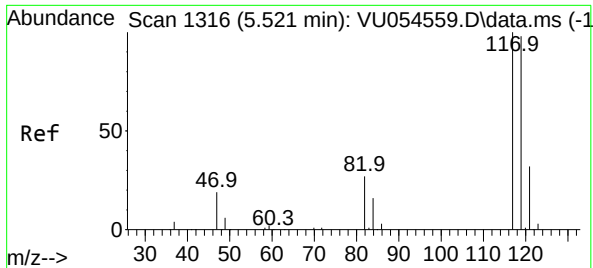
Ion Ratio Lower Upper

56 100

69 29.3 23.9 35.9

84 80.4 63.0 94.6

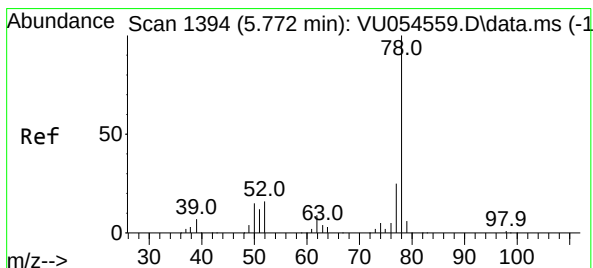
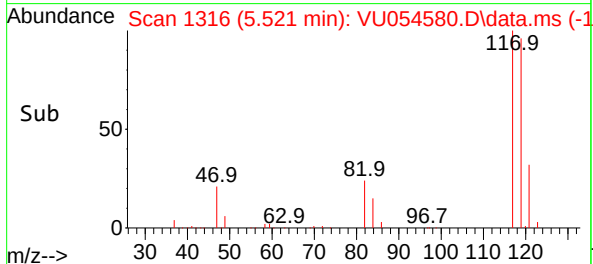
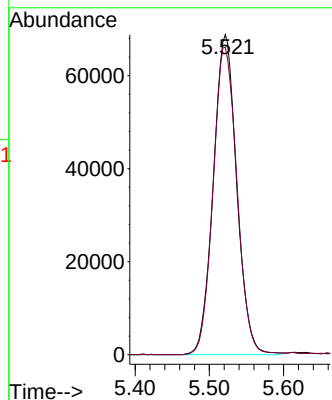
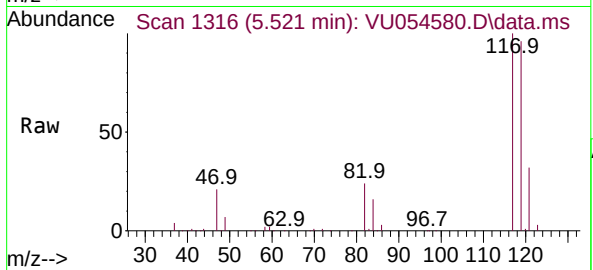




#31
Carbon tetrachloride
Concen: 5.035 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

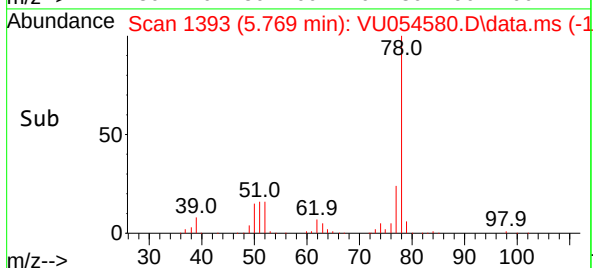
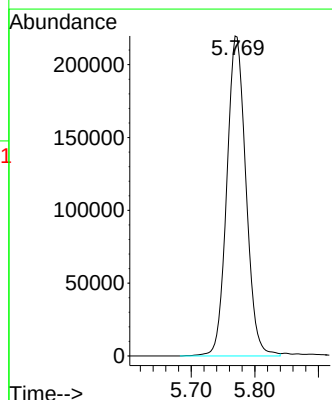
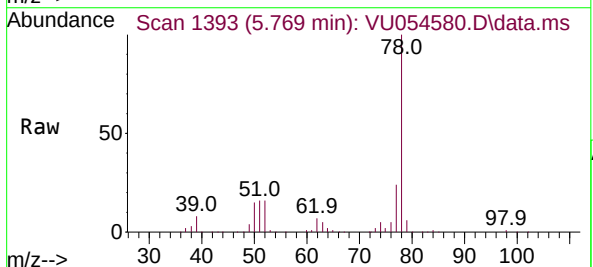
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

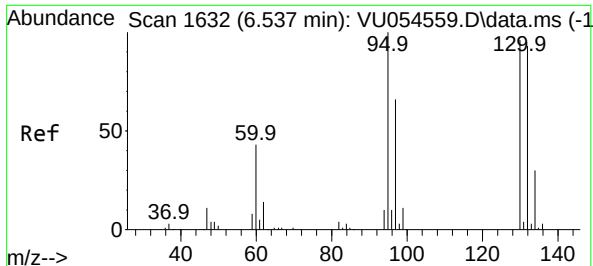
Tgt Ion:117 Resp: 150726
Ion Ratio Lower Upper
117 100
119 98.1 76.8 115.2



#33
Benzene
Concen: 4.983 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion: 78 Resp: 458855

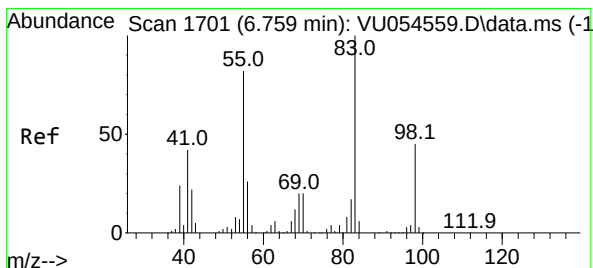
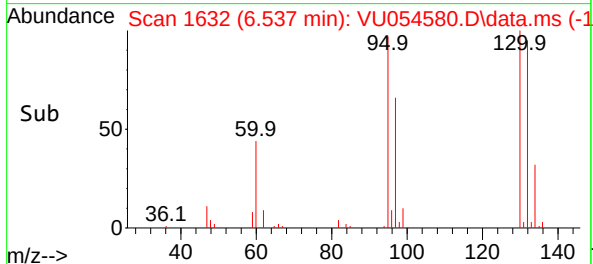
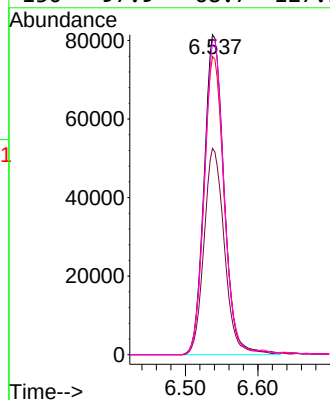
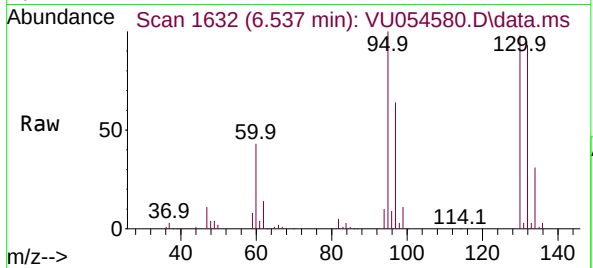




#34
Trichloroethene
Concen: 6.408 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

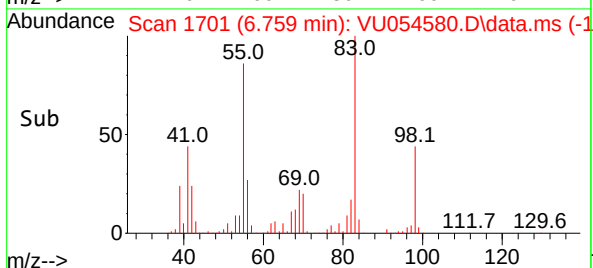
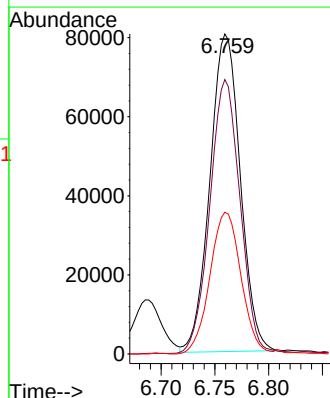
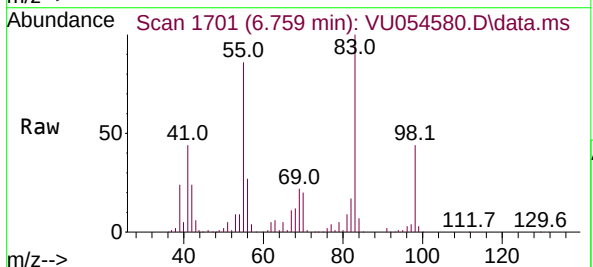
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

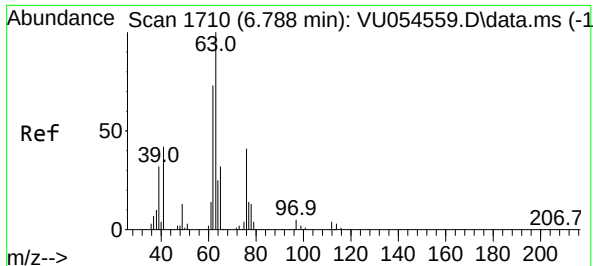
Tgt Ion: 95 Resp: 156022
Ion Ratio Lower Upper
95 100
97 64.4 46.8 87.0
132 93.2 68.4 127.0
130 97.9 68.7 127.5



#35
Methylcyclohexane
Concen: 4.290 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion: 83 Resp: 157894
Ion Ratio Lower Upper
83 100
55 86.0 67.1 100.7
98 45.7 35.1 52.7





#37

1,2-Dichloropropane

Concen: 4.954 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

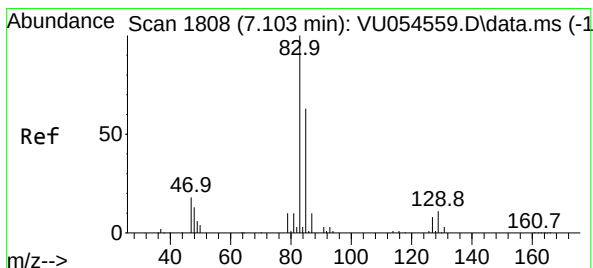
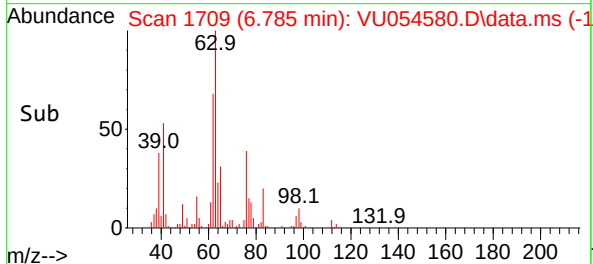
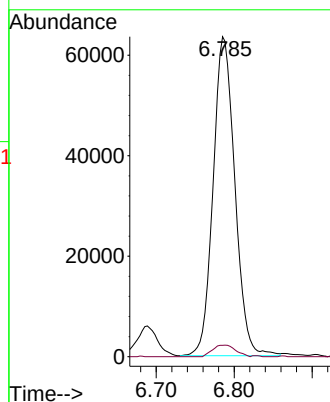
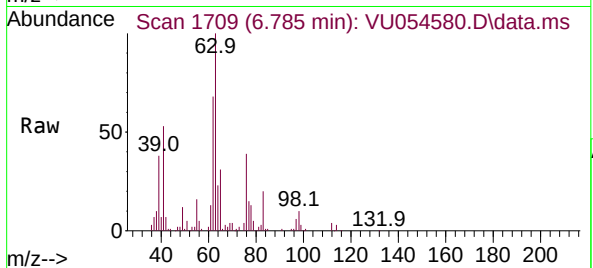
DCGZ6MS

Tgt Ion: 63 Resp: 123355

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 5.204 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

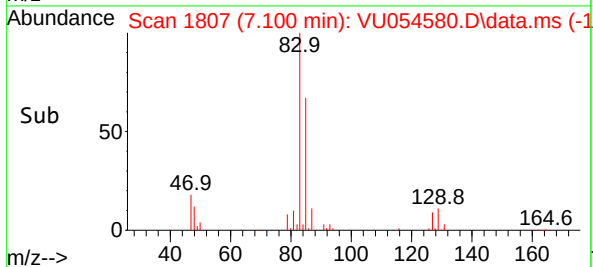
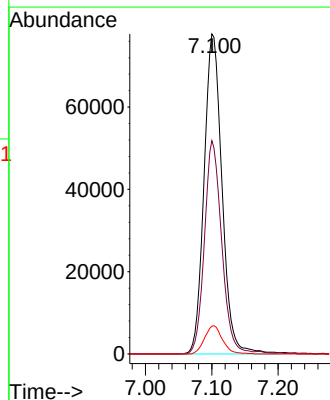
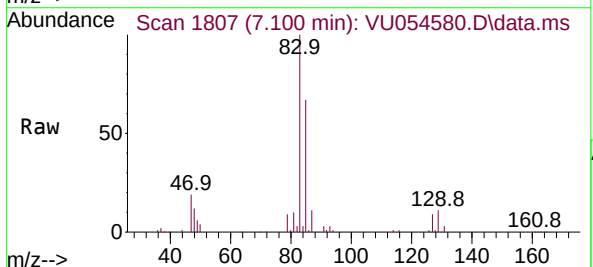
Tgt Ion: 83 Resp: 146662

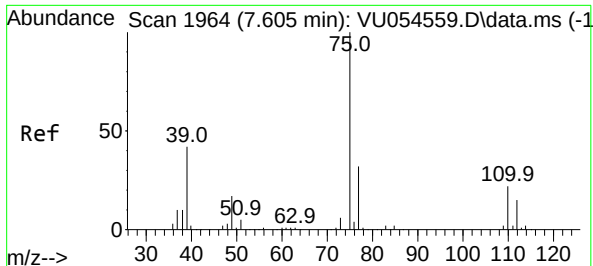
Ion Ratio Lower Upper

83 100

85 66.6 44.1 81.9

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.956 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

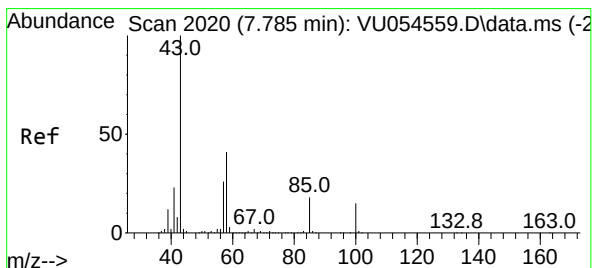
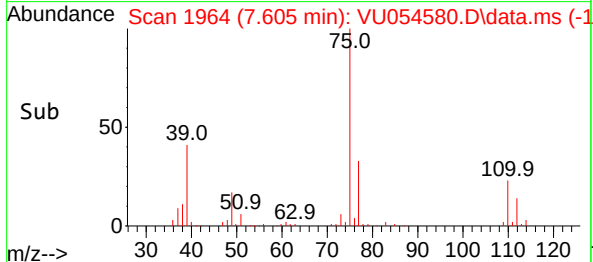
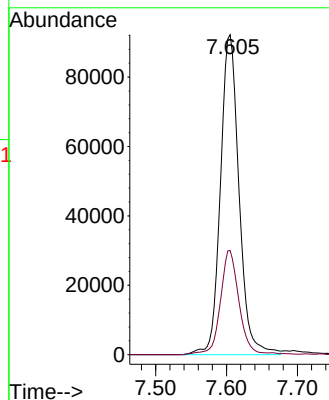
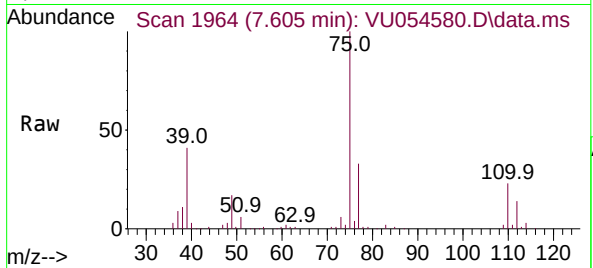
DCGZ6MS

Tgt Ion: 75 Resp: 168478

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 48.251 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

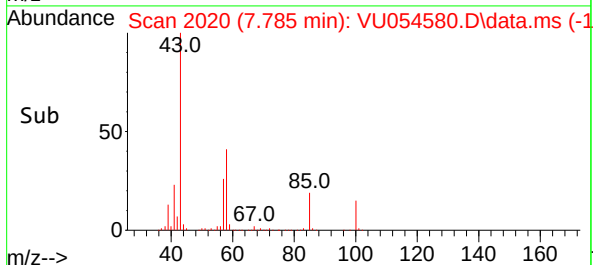
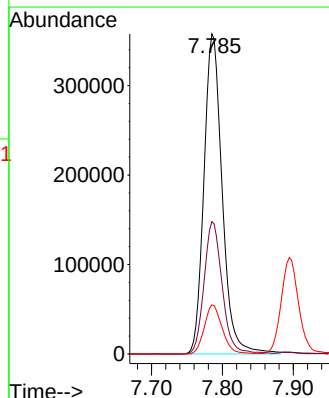
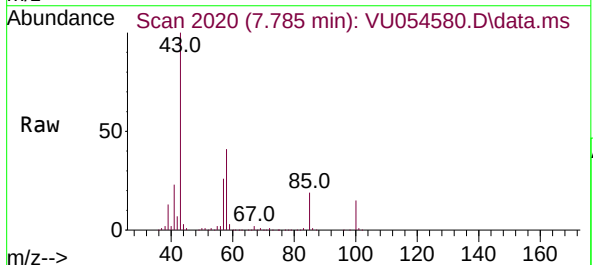
Tgt Ion: 43 Resp: 641097

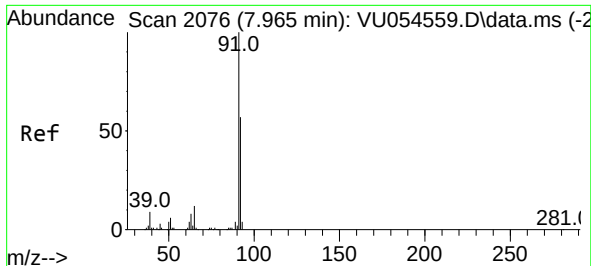
Ion Ratio Lower Upper

43 100

58 41.1 32.4 48.6

100 15.1 11.4 17.2





#42

Toluene

Concen: 5.073 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

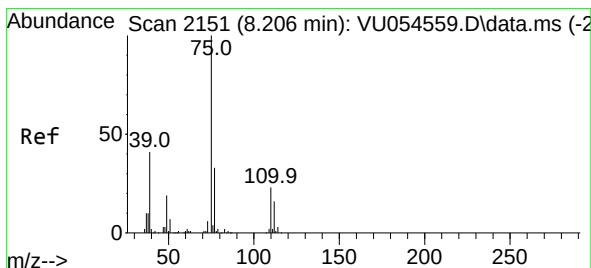
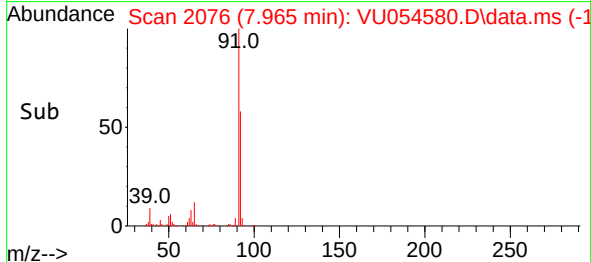
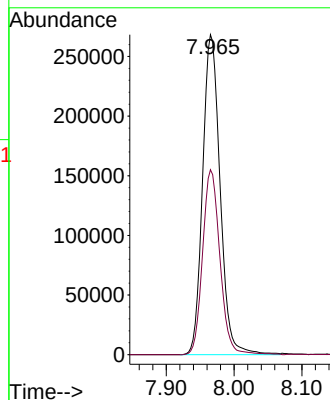
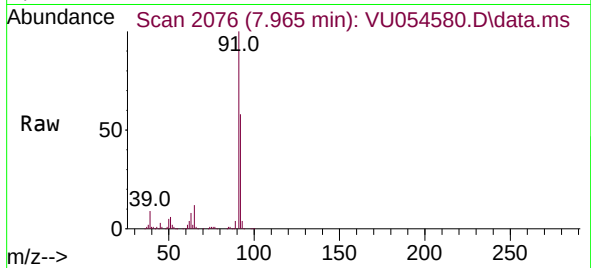
DCGZ6MS

Tgt Ion: 91 Resp: 481065

Ion Ratio Lower Upper

91 100

92 57.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.989 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054580.D

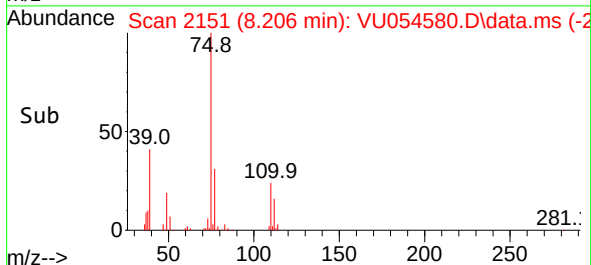
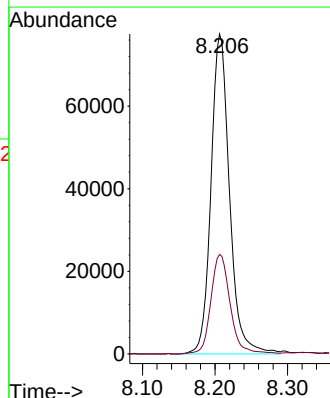
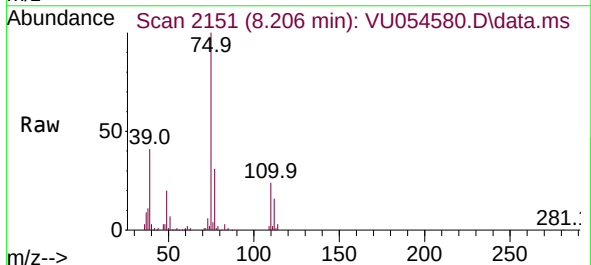
Acq: 16 Jun 2023 18:11

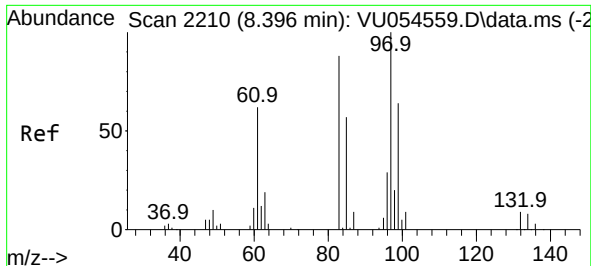
Tgt Ion: 75 Resp: 137634

Ion Ratio Lower Upper

75 100

77 31.1 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.285 ug/L

RT: 8.396 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6MS

Tgt Ion: 97 Resp: 83702

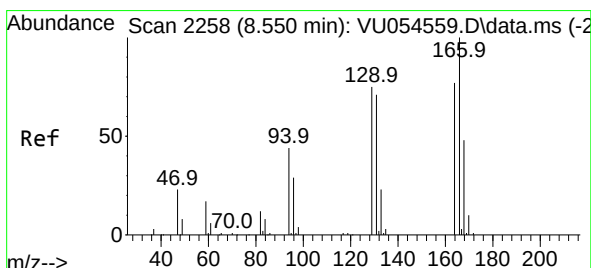
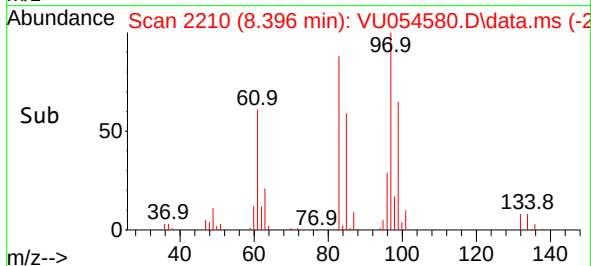
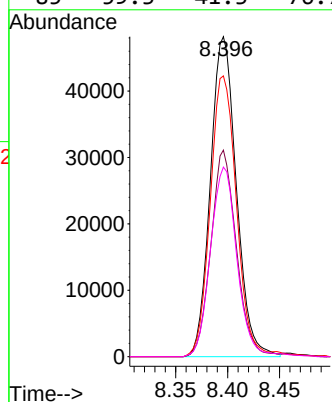
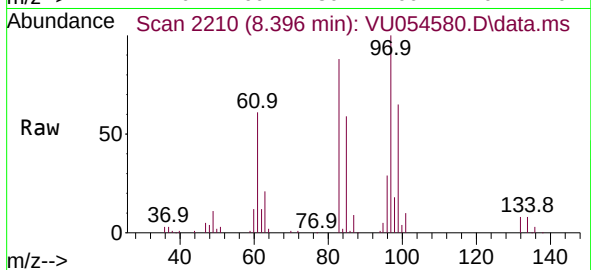
Ion Ratio Lower Upper

97 100

99 64.5 43.0 80.0

83 87.8 63.8 118.6

85 59.3 41.3 76.7



#47

Tetrachloroethene

Concen: 4.854 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Tgt Ion: 164 Resp: 90465

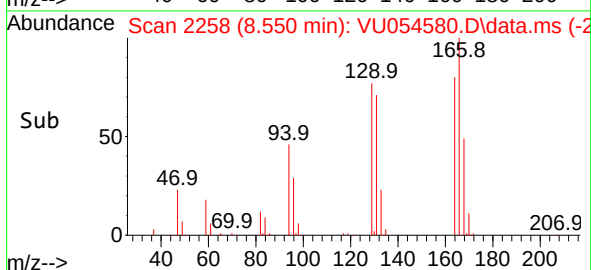
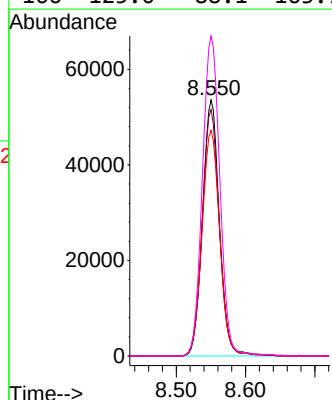
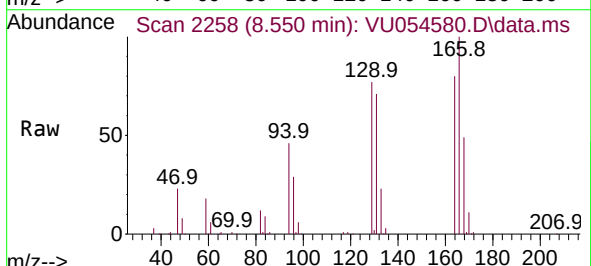
Ion Ratio Lower Upper

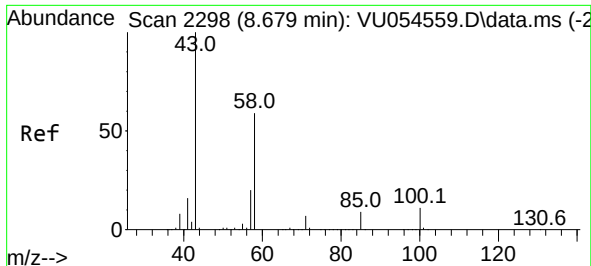
164 100

129 96.2 67.7 125.7

131 88.2 64.6 120.0

166 125.0 88.1 163.7



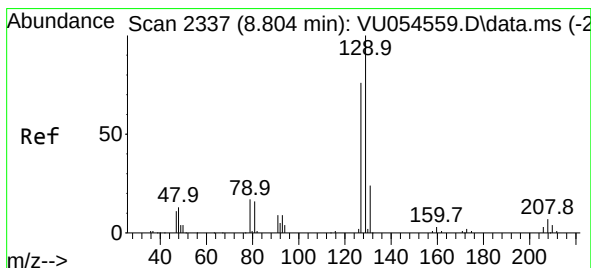
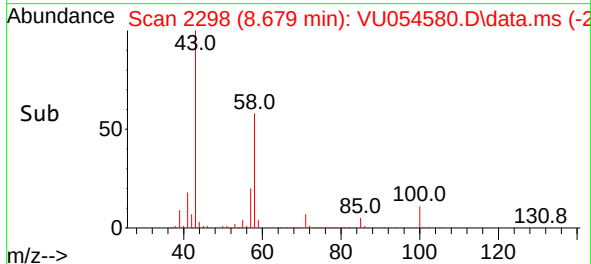
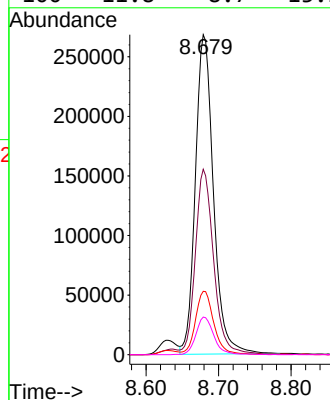
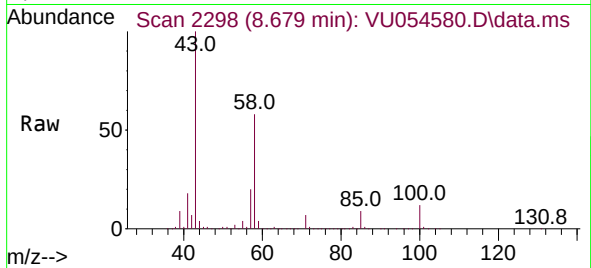


#48
2-Hexanone
Concen: 46.928 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

Tgt Ion: 43 Resp: 464593

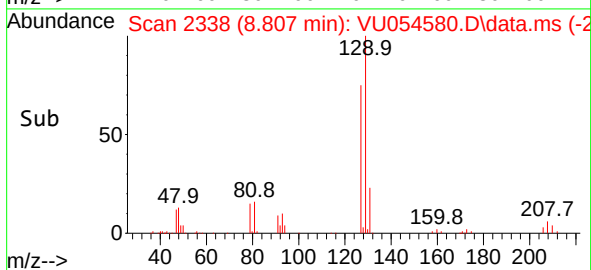
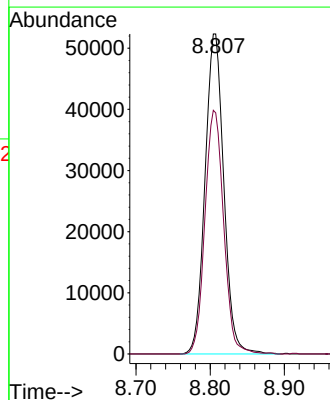
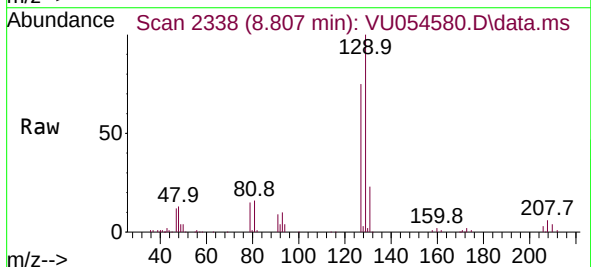
Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.2	67.8
57	19.9	15.8	23.6
100	11.8	8.7	13.1

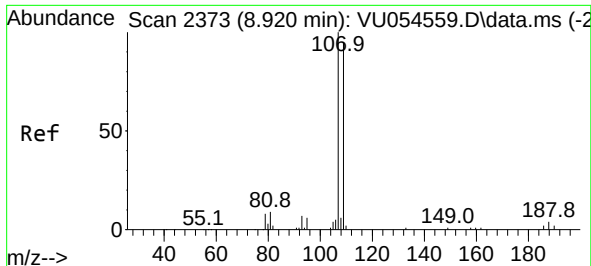


#49
Dibromochloromethane
Concen: 5.516 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion: 129 Resp: 91734

Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.2	98.8

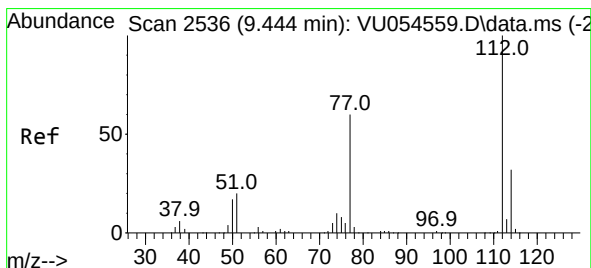
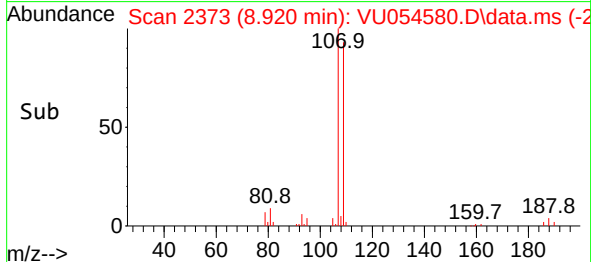
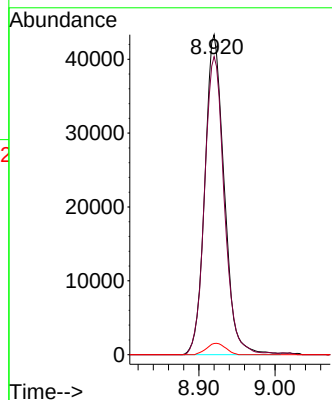
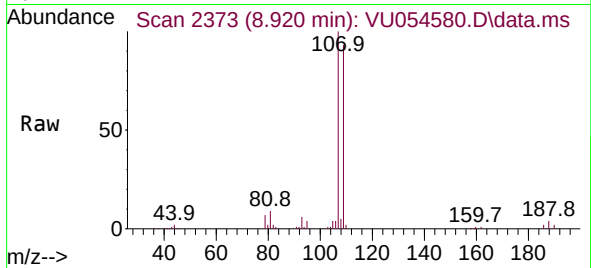




#50
1,2-Dibromoethane
Concen: 5.270 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

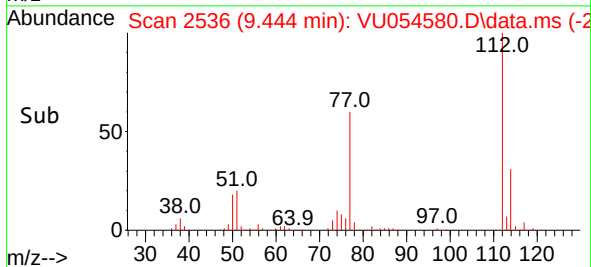
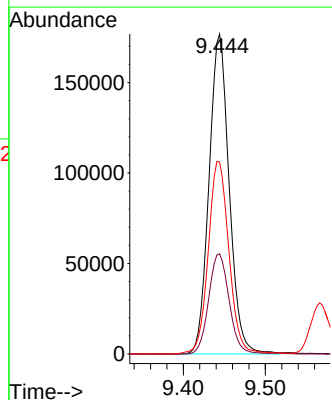
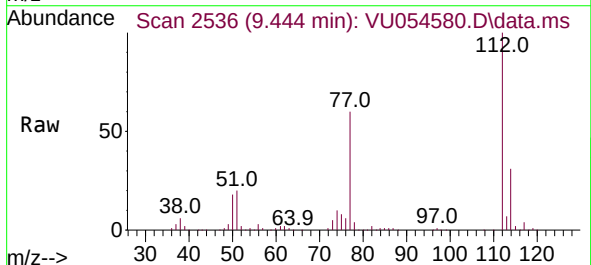
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

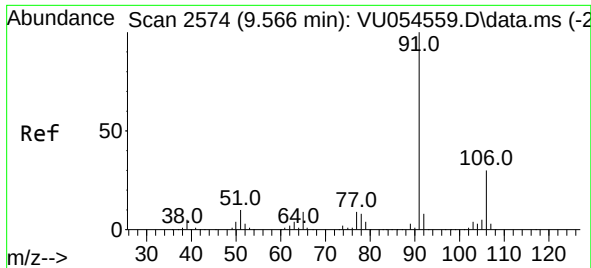
Tgt Ion:107 Resp: 76638
Ion Ratio Lower Upper
107 100
109 93.1 66.6 123.6
188 3.5 3.1 4.7



#51
Chlorobenzene
Concen: 5.102 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion:112 Resp: 301617
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.1
77 60.0 49.8 74.8

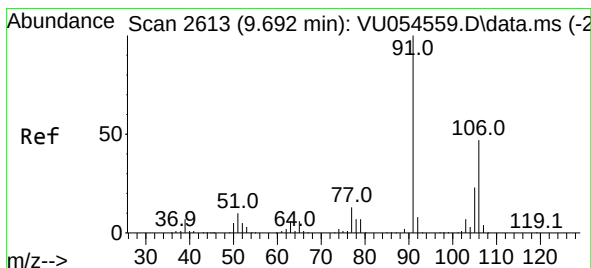
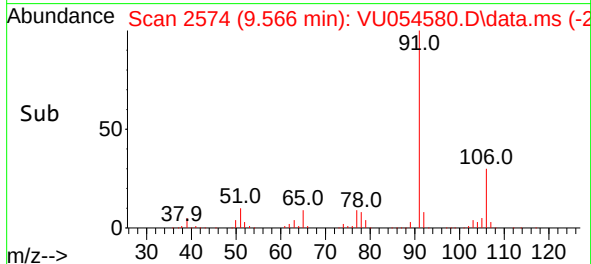
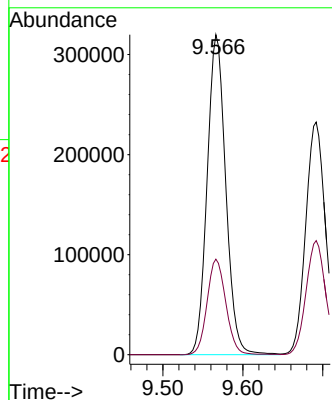
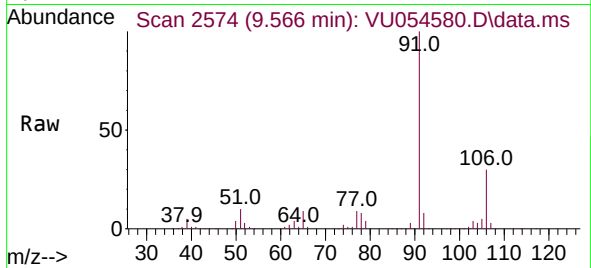




#52
Ethylbenzene
Concen: 5.002 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

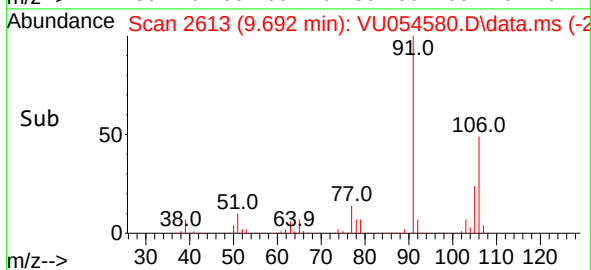
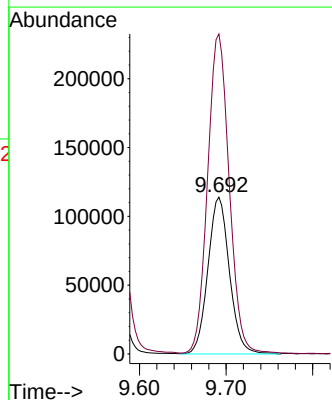
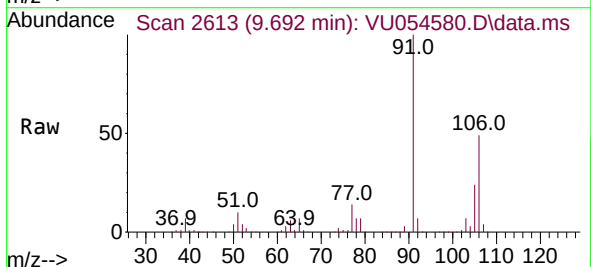
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

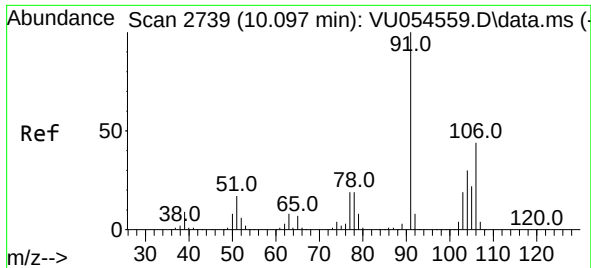
Tgt Ion: 91 Resp: 517996
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.3



#53
m,p-Xylene
Concen: 5.175 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion: 106 Resp: 196870
Ion Ratio Lower Upper
106 100
91 204.0 147.0 273.0

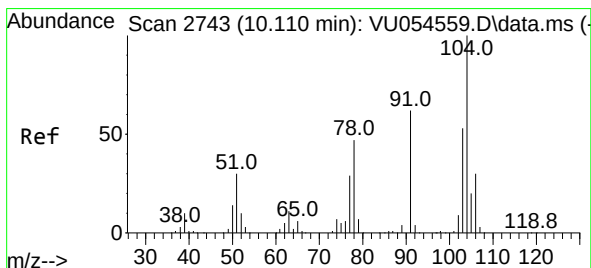
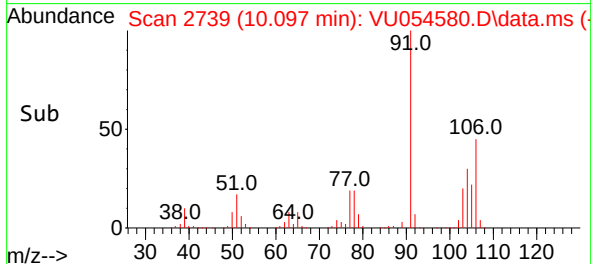
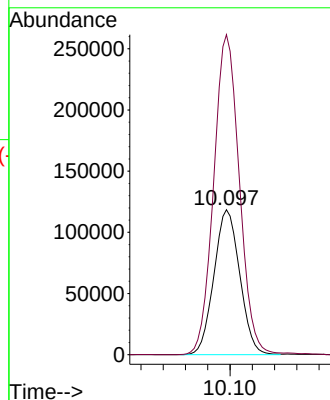
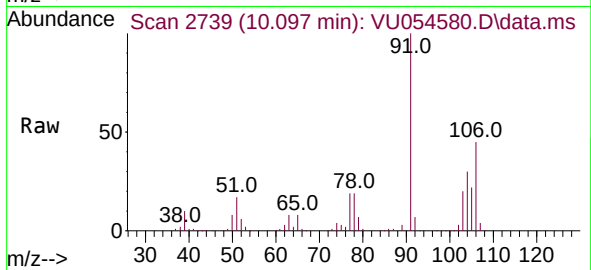




#54
o-Xylene
Concen: 5.185 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

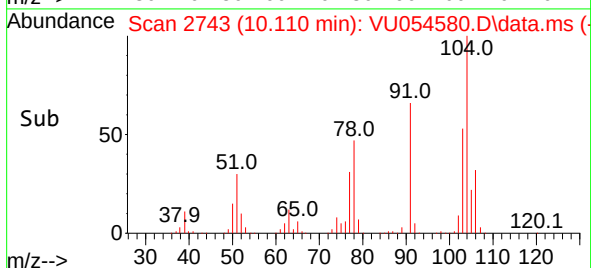
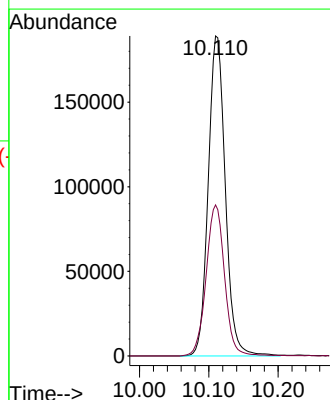
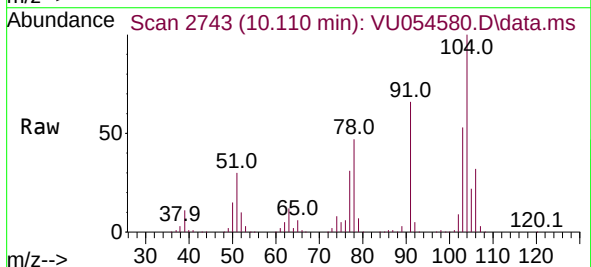
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

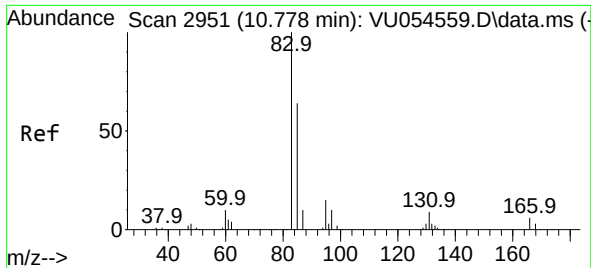
Tgt Ion:106 Resp: 190750
Ion Ratio Lower Upper
106 100
91 220.8 154.5 286.9



#55
Styrene
Concen: 5.238 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion:104 Resp: 323467
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4

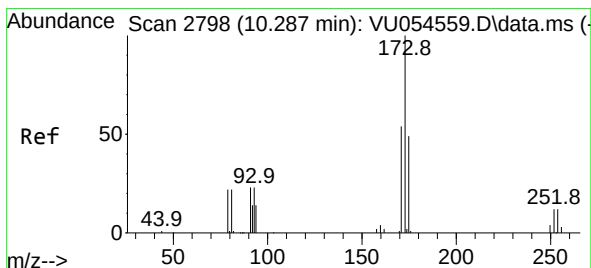
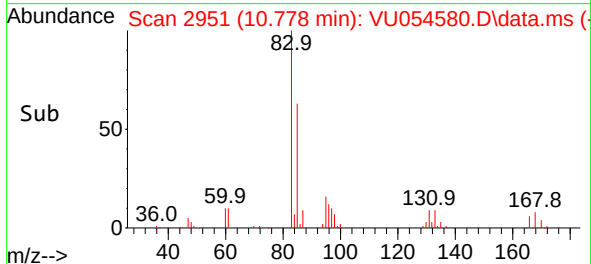
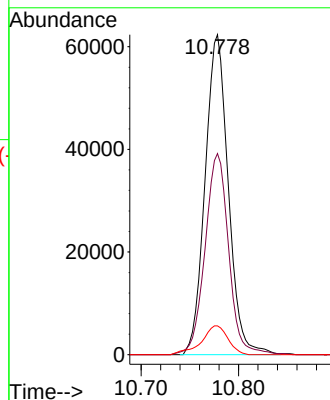
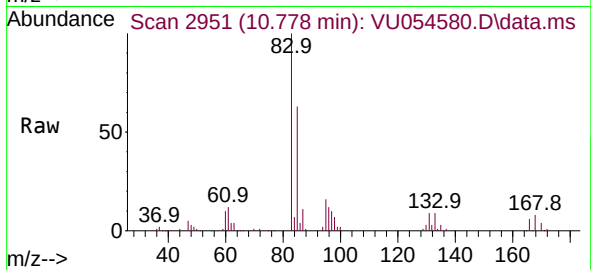




#57
1,1,2,2-Tetrachloroethane
Concen: 5.129 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

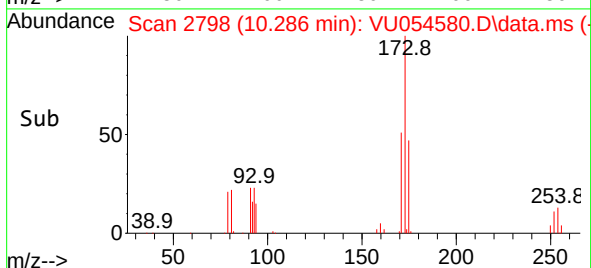
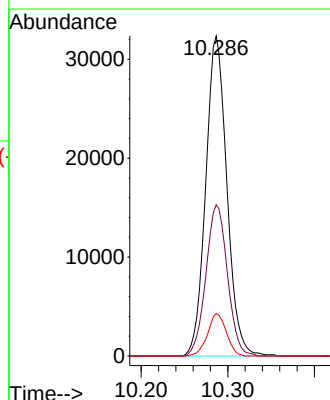
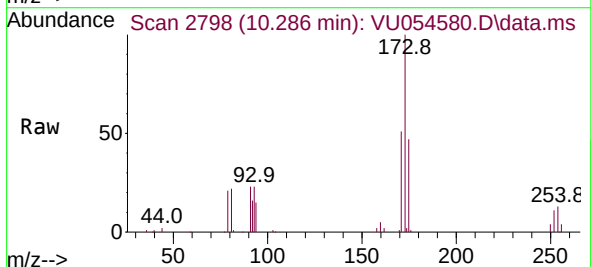
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

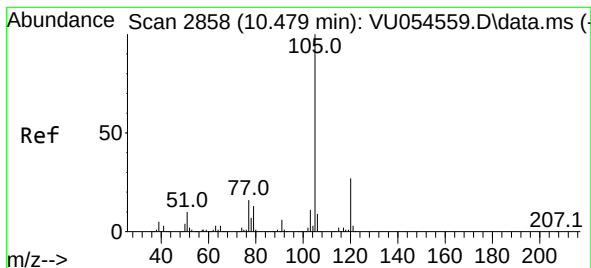
Tgt Ion: 83 Resp: 103192
Ion Ratio Lower Upper
83 100
85 62.9 44.2 82.2
131 9.0 7.0 10.6



#59
Bromoform
Concen: 5.342 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion:173 Resp: 54848
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.0
254 11.8 8.6 12.8





#60

Isopropylbenzene

Concen: 4.990 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6MS

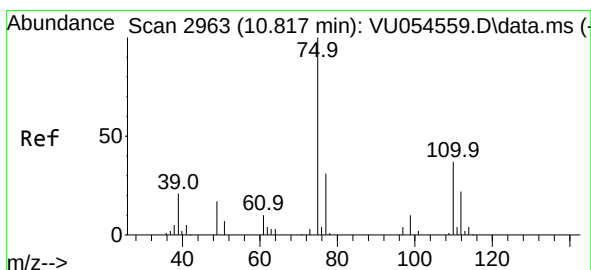
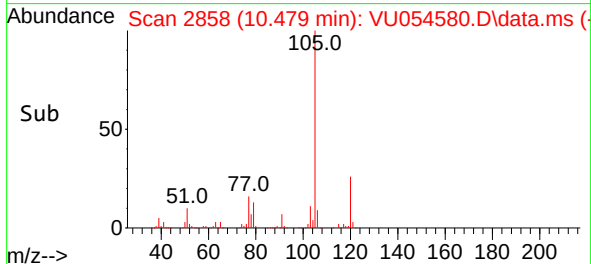
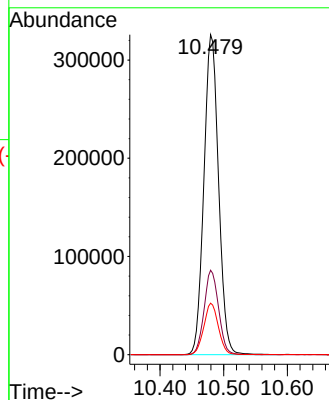
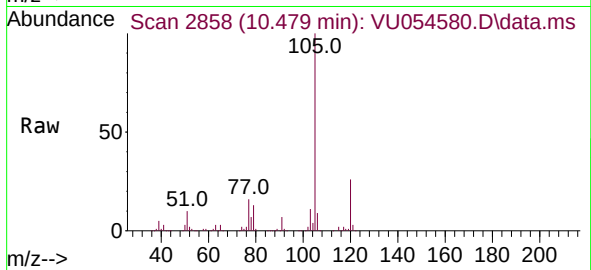
Tgt Ion:105 Resp: 522079

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

77 16.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.869 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

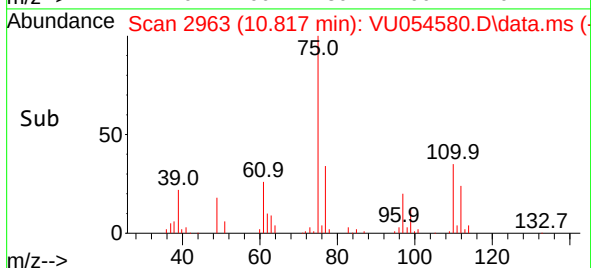
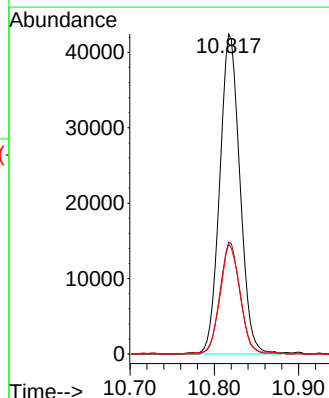
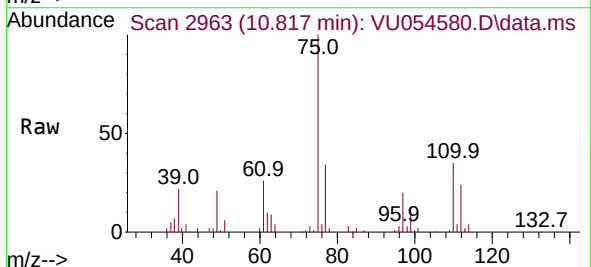
Tgt Ion: 75 Resp: 70379

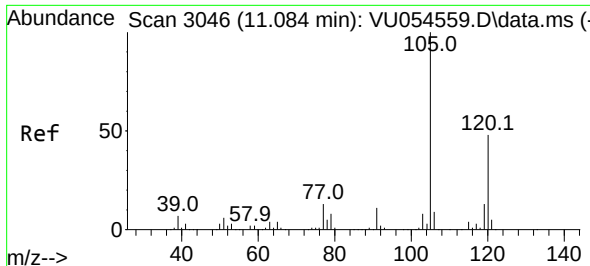
Ion Ratio Lower Upper

75 100

110 34.5 28.0 42.0

77 34.2 25.4 38.2

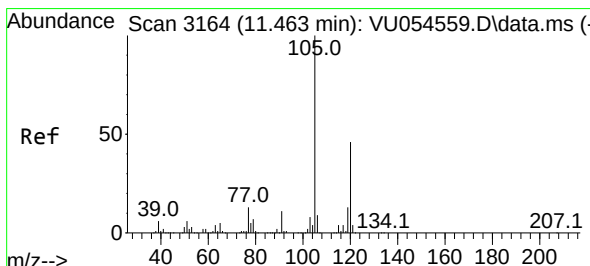
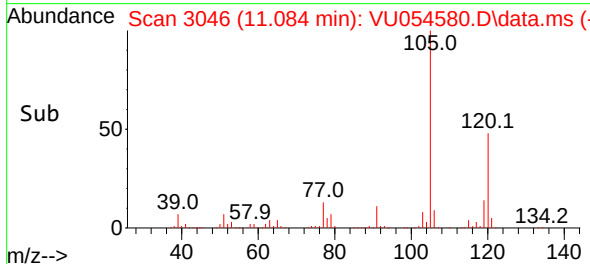
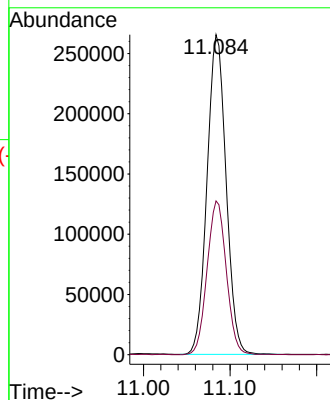
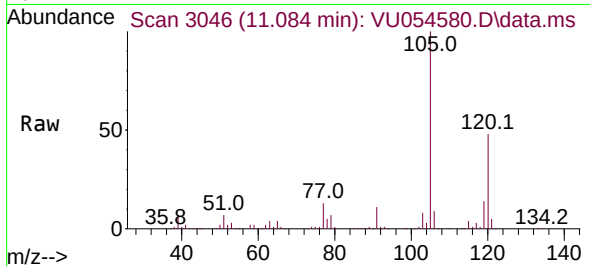




#62
1,3,5-Trimethylbenzene
Concen: 4.741 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

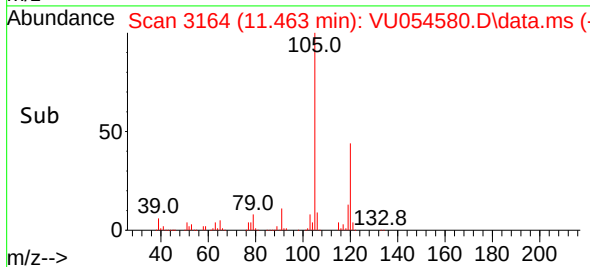
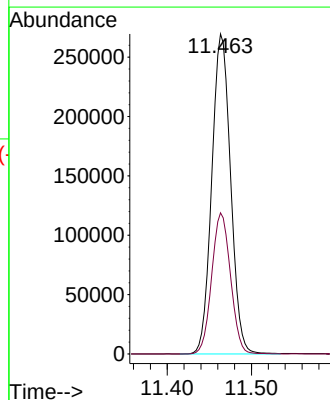
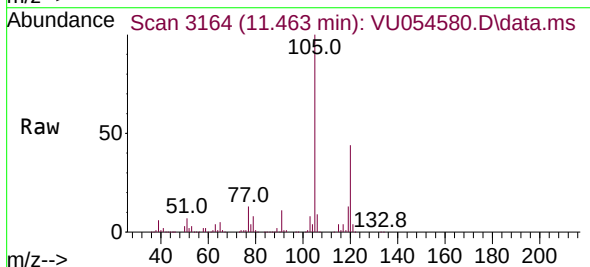
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

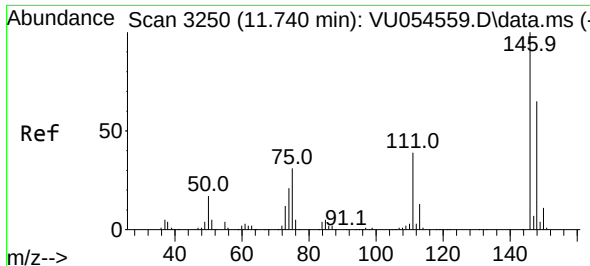
Tgt Ion:105 Resp: 404709
Ion Ratio Lower Upper
105 100
120 48.6 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.822 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054580.D
Acq: 16 Jun 2023 18:11

Tgt Ion:105 Resp: 418044
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.0

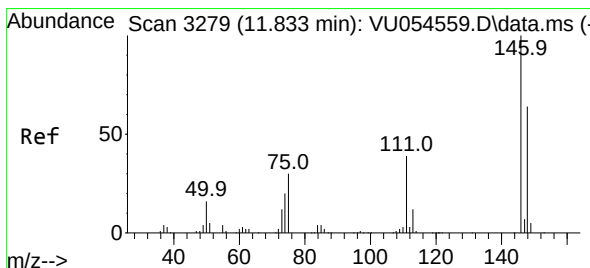
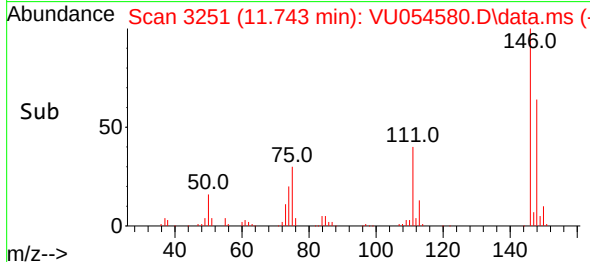
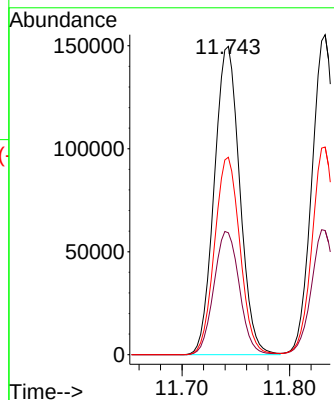
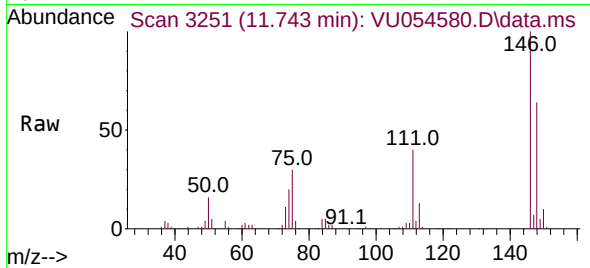




#64
 1,3-Dichlorobenzene
 Concen: 5.044 ug/L
 RT: 11.743 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

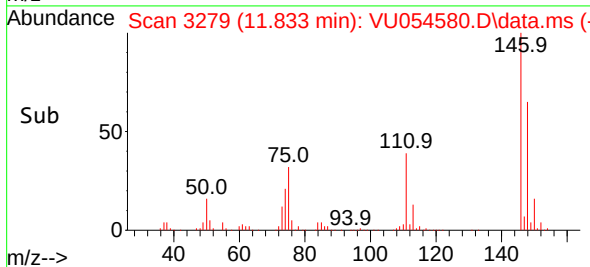
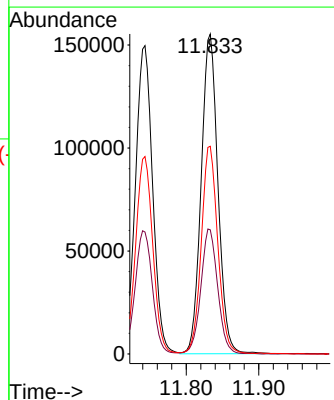
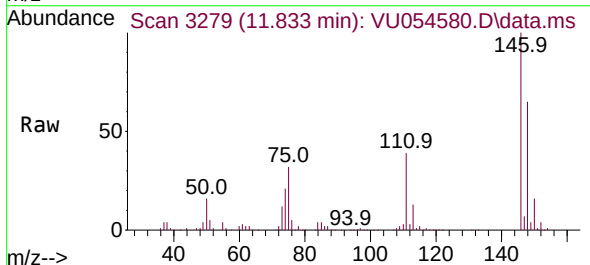
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

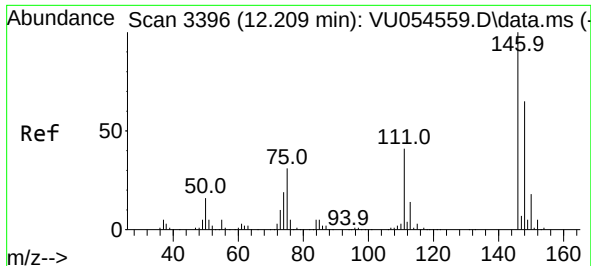
Tgt Ion:146 Resp: 246691
 Ion Ratio Lower Upper
 146 100
 111 39.6 28.9 53.7
 148 64.0 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 5.071 ug/L
 RT: 11.833 min Scan# 3279
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

Tgt Ion:146 Resp: 248926
 Ion Ratio Lower Upper
 146 100
 111 38.8 28.0 52.0
 148 64.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.127 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6MS

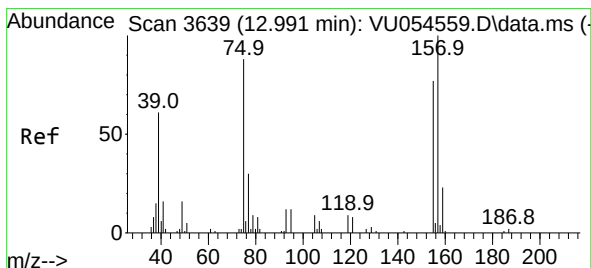
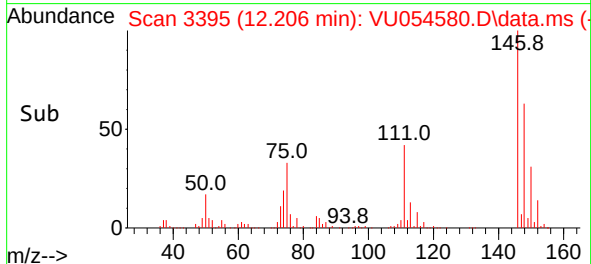
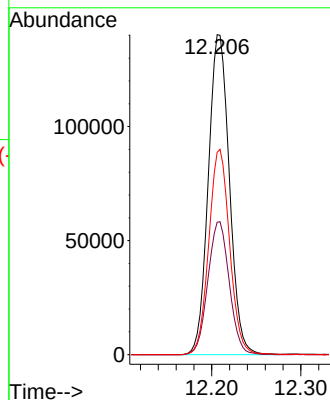
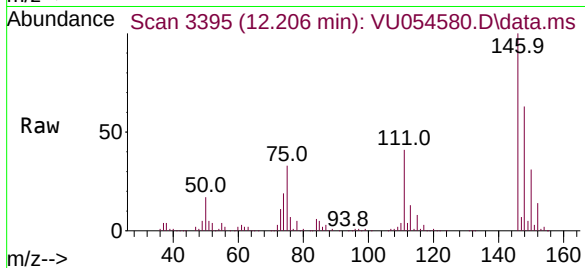
Tgt Ion:146 Resp: 230632

Ion Ratio Lower Upper

146 100

111 41.4 34.5 51.7

148 63.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.905 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

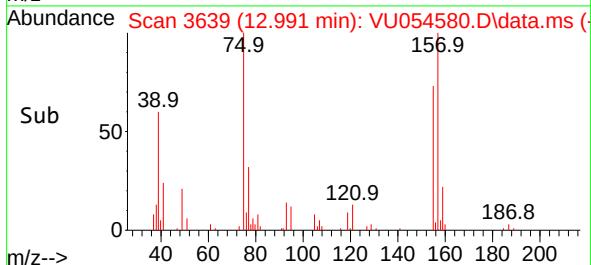
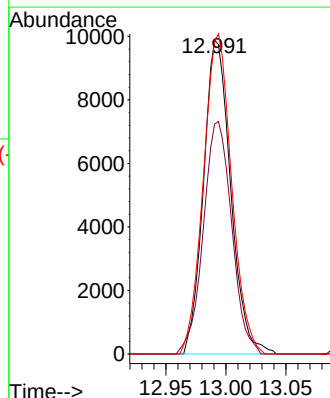
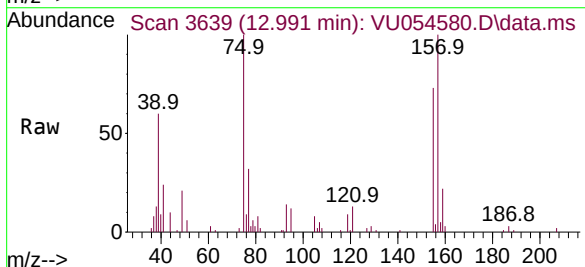
Tgt Ion: 75 Resp: 15579

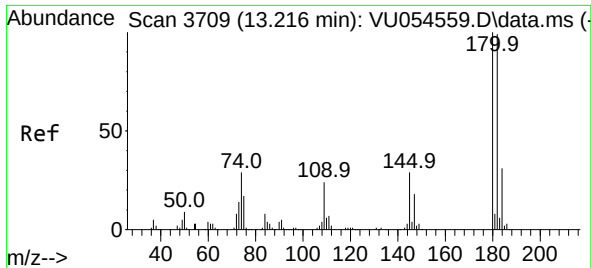
Ion Ratio Lower Upper

75 100

155 73.3 65.7 98.5

157 99.7 84.2 126.2

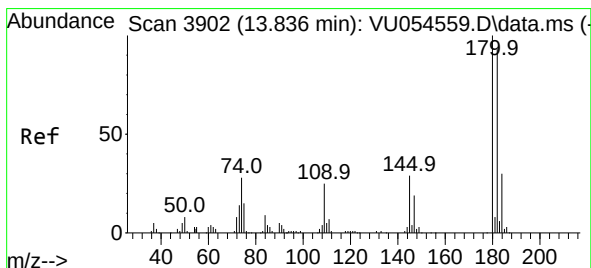
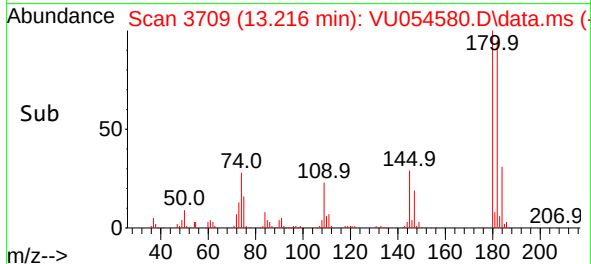
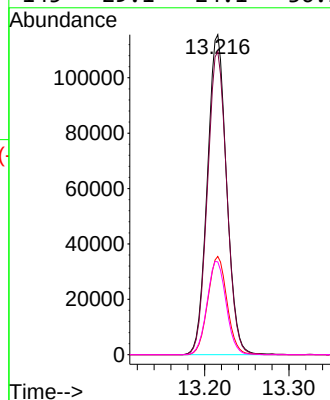
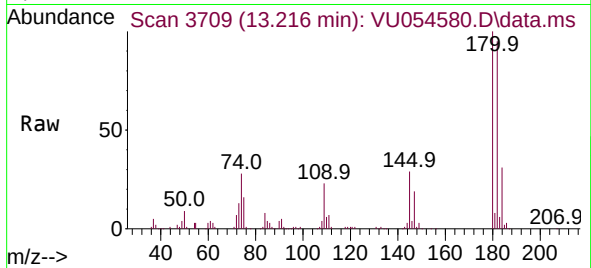




#69
 1,3,5-Trichlorobenzene
 Concen: 4.978 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

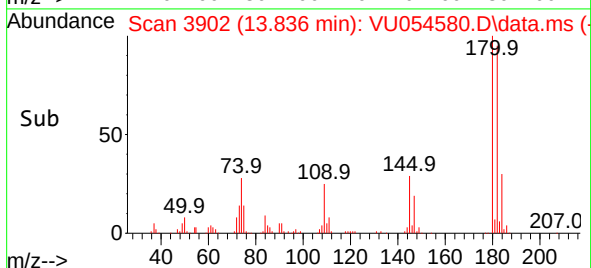
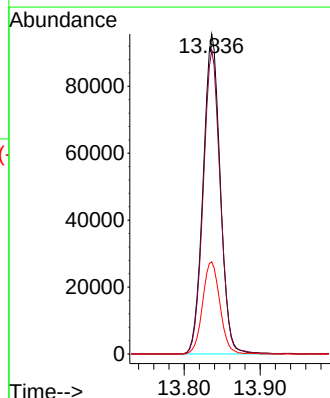
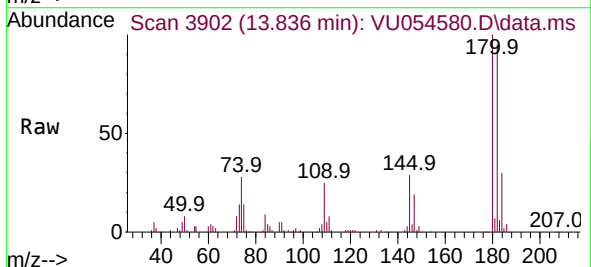
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MS

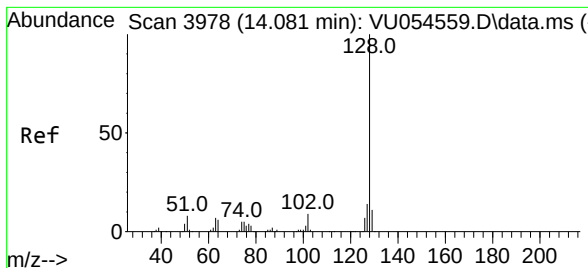
Tgt Ion:180 Resp: 183688
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.0 112.6
 184 30.6 24.1 36.1
 145 29.1 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.879 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU054580.D
 Acq: 16 Jun 2023 18:11

Tgt Ion:180 Resp: 148889
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 114.8
 145 29.3 24.0 36.0





#71

Naphthalene

Concen: 4.559 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6MS

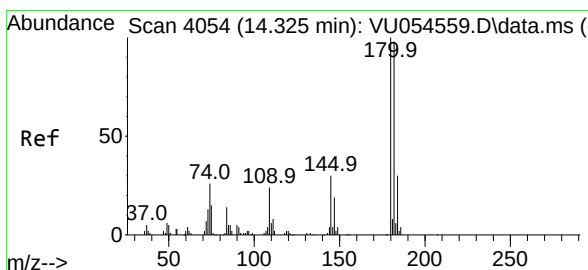
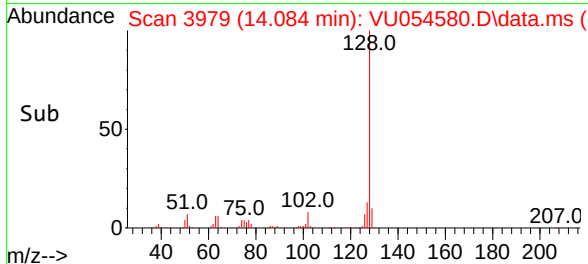
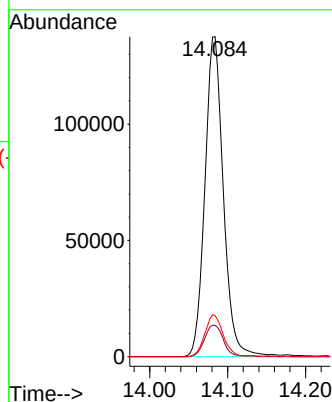
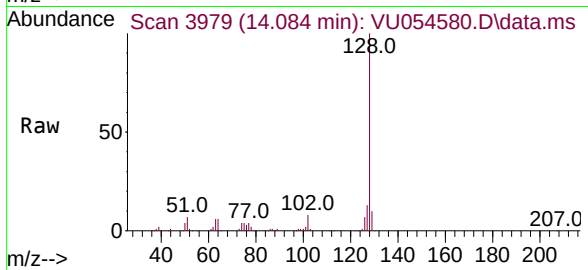
Tgt Ion:128 Resp: 226186

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

127 13.2 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.995 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU054580.D

Acq: 16 Jun 2023 18:11

Tgt Ion:180 Resp: 130941

Ion Ratio Lower Upper

180 100

182 96.7 75.4 113.2

145 31.4 26.0 39.0

