

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061523\
 Data File : VU054535.D
 Acq On : 15 Jun 2023 18:50
 Operator : MD/SY
 Sample : 03253-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MSD

Quant Time: Jun 16 01:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	288232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	275094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	148123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63105	3.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.914	69	78509	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	30168	3.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.627	46	247155	47.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.840%
24) Chloroform-d	5.058	84	180086	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.698	65	87888	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.724	84	339079	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.685	67	117914	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	297753	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	35620	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	170863	45.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89095	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	114979	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	120602	4.478	ug/L	99
3) Chloromethane	1.518	50	140073	4.527	ug/L	98
5) Vinyl chloride	1.602	62	235851	7.427	ug/L	100
6) Bromomethane	1.859	94	85320	4.887	ug/L	98
8) Chloroethane	1.933	64	98037	5.150	ug/L	96
9) Trichlorofluoromethane	2.136	101	191563	4.907	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	108895	4.768	ug/L	95
12) 1,1-Dichloroethene	2.579	96	113170	5.413	ug/L	98
13) Acetone	2.640	43	168243	34.598	ug/L	97
14) Carbon disulfide	2.791	76	283249	4.569	ug/L	100
15) Methyl Acetate	2.955	43	38371	4.258	ug/L	99
16) Methylene chloride	3.042	84	115040	3.913	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	259837	5.035	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	114280	5.294	ug/L	99
19) 1,1-Dichloroethane	3.865	63	902715	20.209	ug/L	98
21) 2-Butanone	4.708	43	285220	45.195	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	960126	39.062	ug/L	97
23) Bromochloromethane	4.971	128	53180	5.199	ug/L	88
25) Chloroform	5.084	83	226224	5.137	ug/L	99

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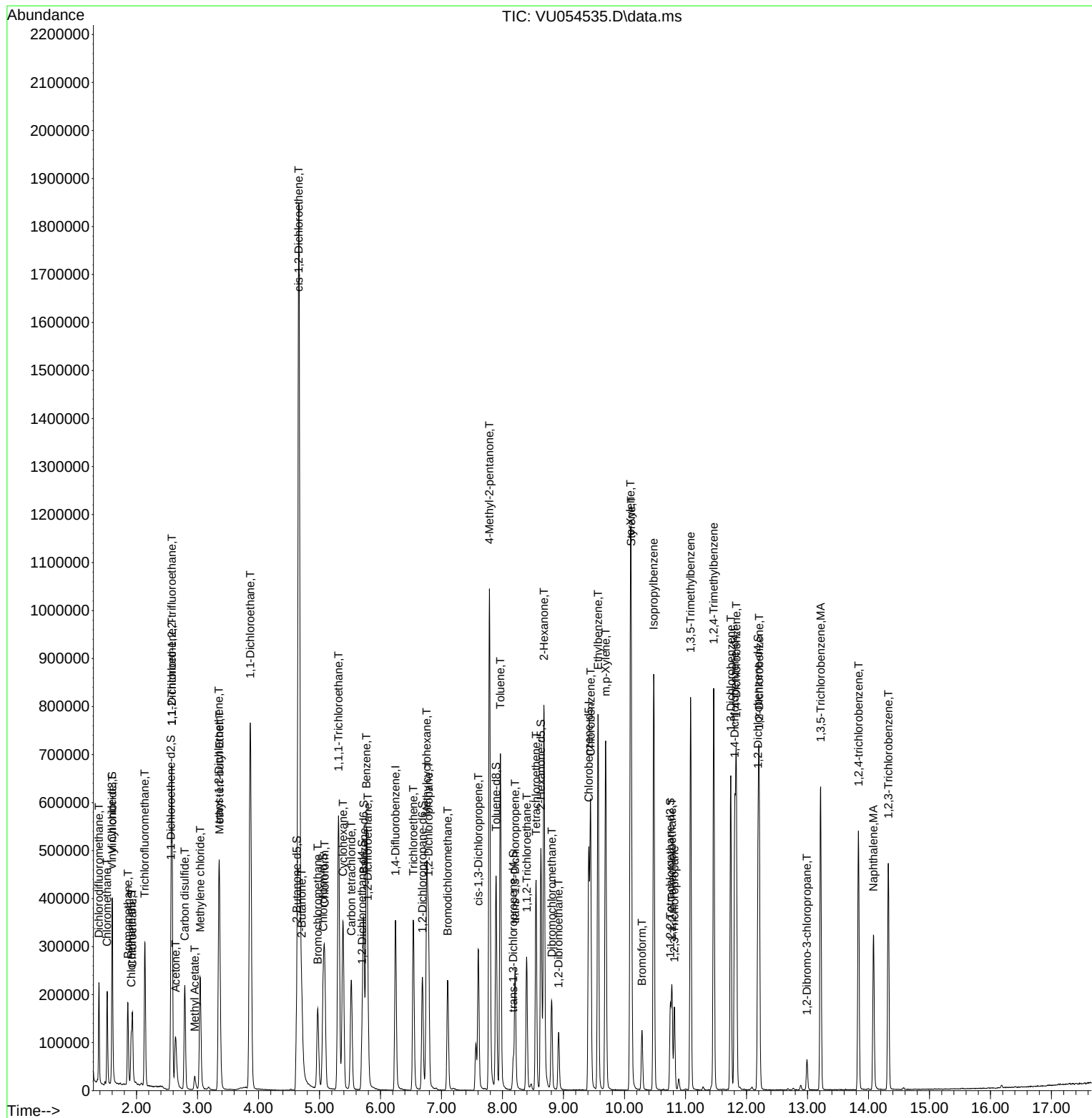
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	127945	4.957	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	421583	11.302	ug/L	99
30) Cyclohexane	5.383	56	182446	4.490	ug/L	98
31) Carbon tetrachloride	5.521	117	159981	4.977	ug/L	99
33) Benzene	5.769	78	486703	4.923	ug/L	100
34) Trichloroethene	6.537	95	125823	4.813	ug/L	97
35) Methylcyclohexane	6.759	83	172164	4.357	ug/L	99
37) 1,2-Dichloropropane	6.788	63	129239	4.835	ug/L	100
38) Bromodichloromethane	7.100	83	155118	5.126	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	179265	4.912	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	696732	48.840	ug/L	99
42) Toluene	7.965	91	520844	5.116	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	145735	4.920	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	86842	5.107	ug/L	98
47) Tetrachloroethene	8.550	164	100012	4.998	ug/L	99
48) 2-Hexanone	8.679	43	511207	48.094	ug/L	100
49) Dibromochloromethane	8.807	129	95753	5.362	ug/L	99
50) 1,2-Dibromoethane	8.920	107	79855	5.115	ug/L	96
51) Chlorobenzene	9.444	112	320455	5.049	ug/L	99
52) Ethylbenzene	9.566	91	555691	4.997	ug/L	99
53) m,p-Xylene	9.692	106	208774	5.111	ug/L	98
54) o-Xylene	10.097	106	203042	5.140	ug/L	99
55) Styrene	10.110	104	351139	5.296	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	108082	5.004	ug/L	99
59) Bromoform	10.286	173	57728	5.429	ug/L	99
60) Isopropylbenzene	10.479	105	556121	5.132	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	74802	4.997	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	441016	4.988	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	453926	5.055	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	268357	5.298	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	267561	5.264	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	246545	5.293	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	16062	4.883	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	200848	5.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	168844	5.343	ug/L	99
71) Naphthalene	14.080	128	269452	5.244	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	149809	5.518	ug/L	99

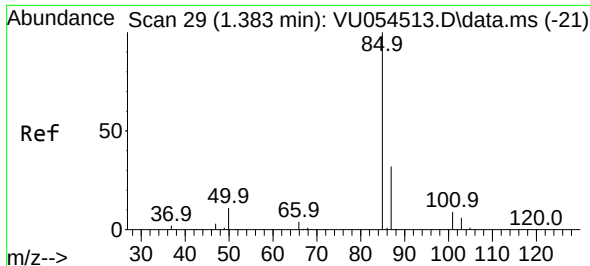
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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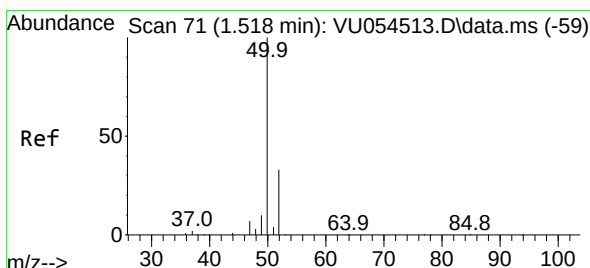
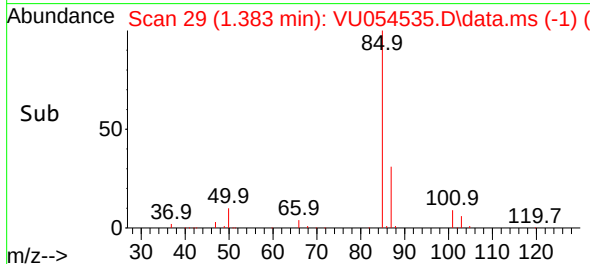
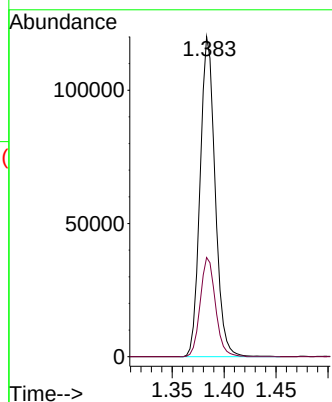
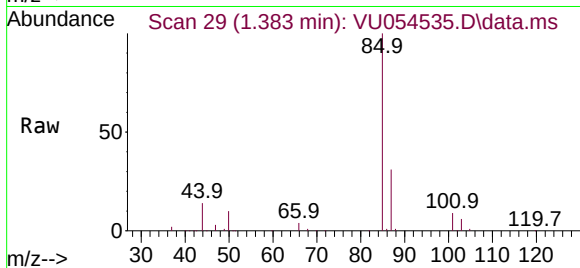




#2
 Dichlorodifluoromethane
 Concen: 4.478 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

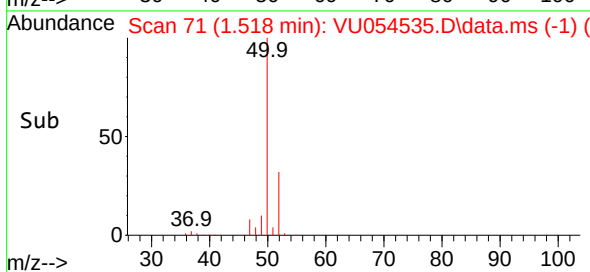
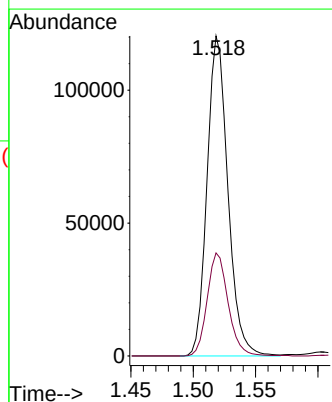
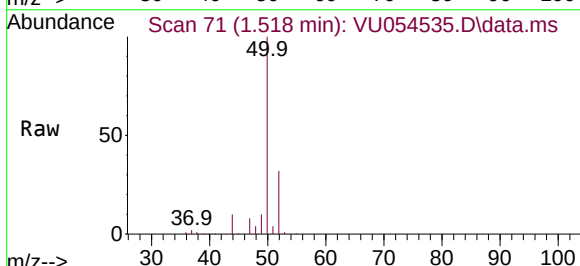
Instrument :
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 ClientSampleId :
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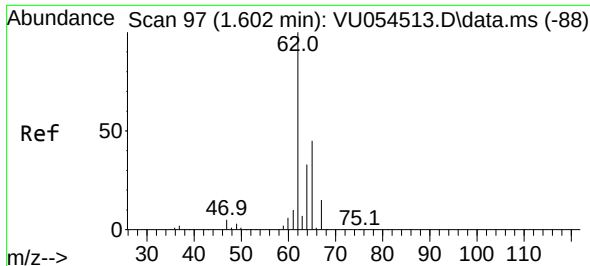
Tgt Ion: 85 Resp: 120602
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.4 38.2



#3
 Chloromethane
 Concen: 4.527 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

Tgt Ion: 50 Resp: 140073
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.4 43.4

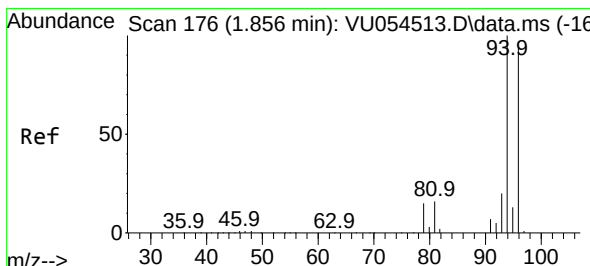
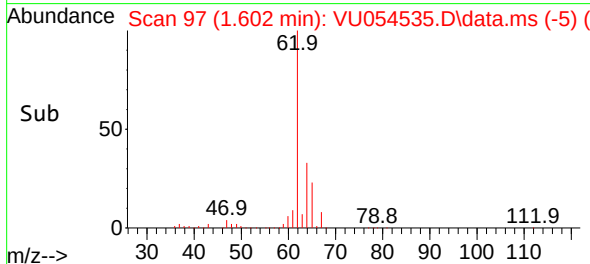
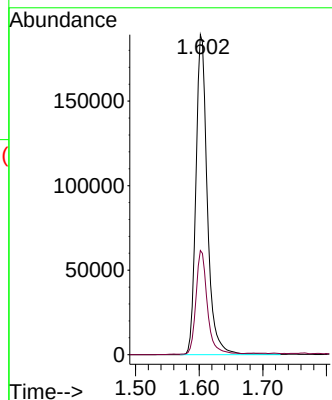
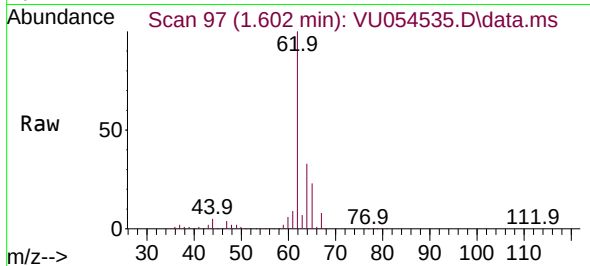




#5
 Vinyl chloride
 Concen: 7.427 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

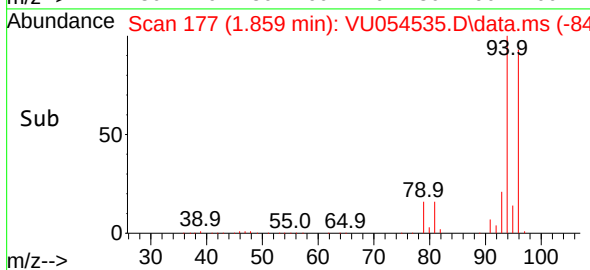
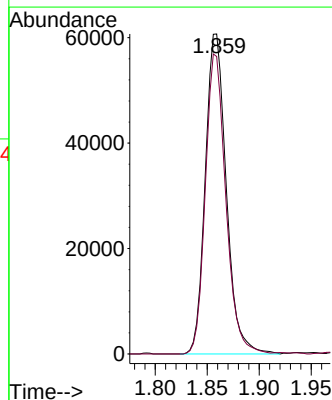
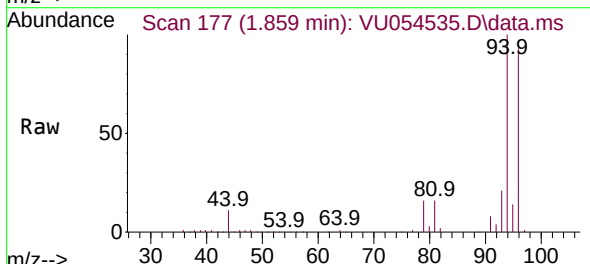
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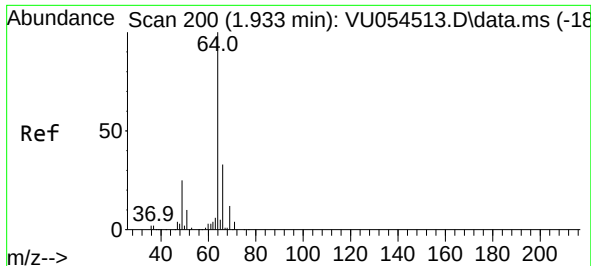
Tgt Ion: 62 Resp: 235851
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 4.887 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

Tgt Ion: 94 Resp: 85320
 Ion Ratio Lower Upper
 94 100
 96 92.9 63.6 118.2

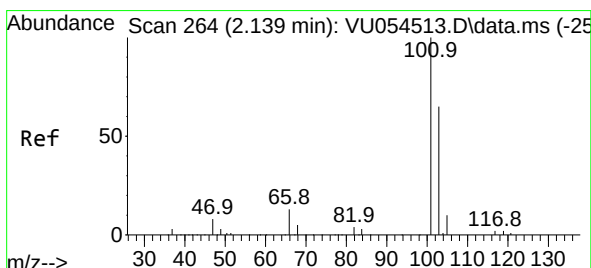
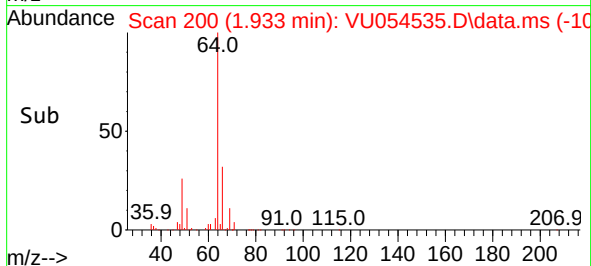
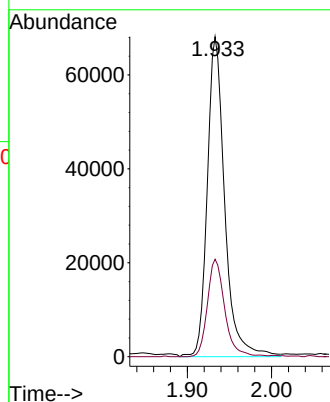
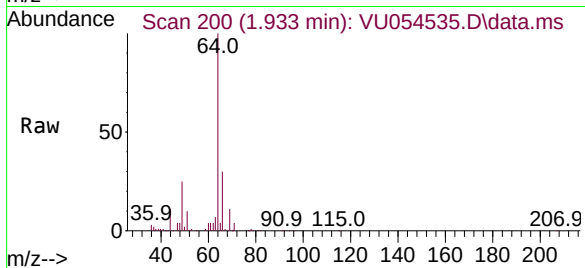




#8
Chloroethane
Concen: 5.150 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

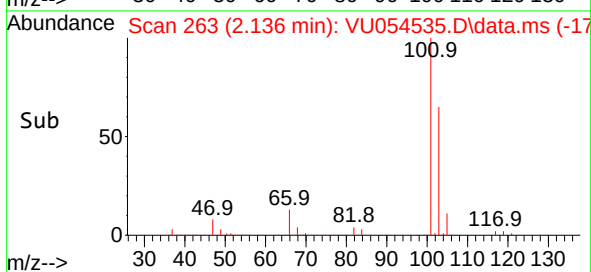
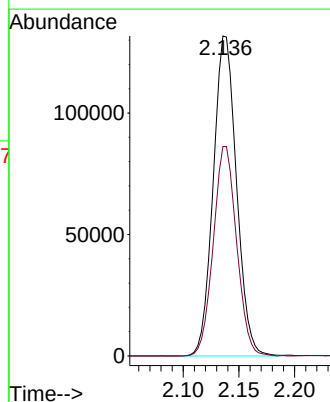
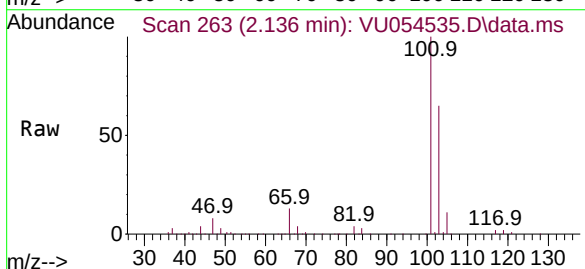
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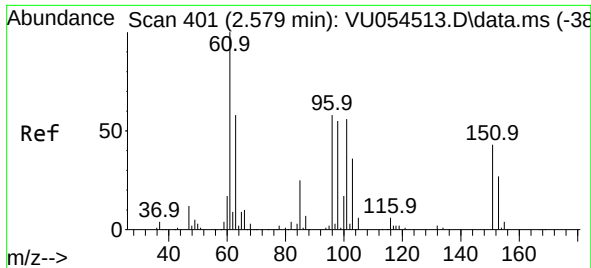
Tgt Ion: 64 Resp: 98037
Ion Ratio Lower Upper
64 100
66 30.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.907 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 101 Resp: 191563
Ion Ratio Lower Upper
101 100
103 65.5 50.6 75.8

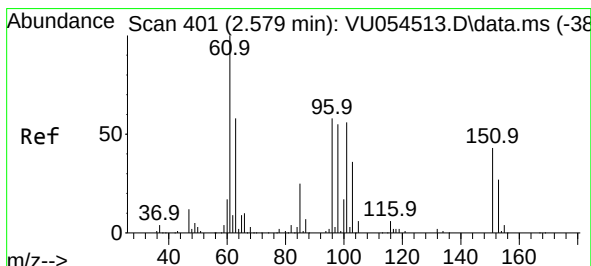
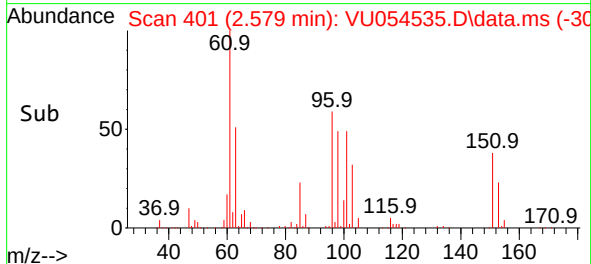
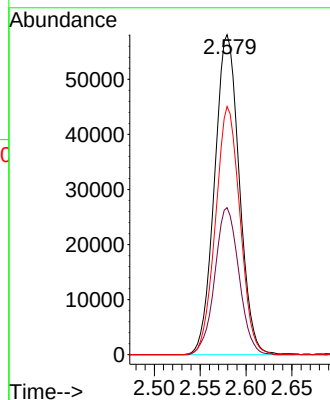
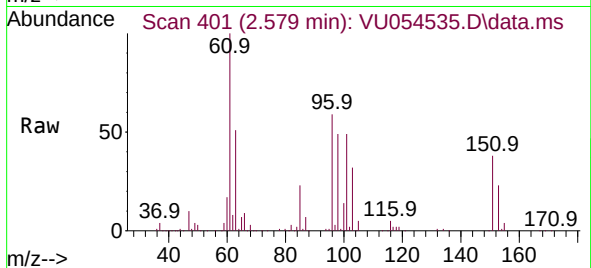




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.768 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054535.D
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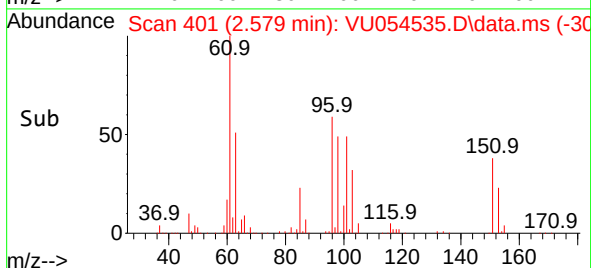
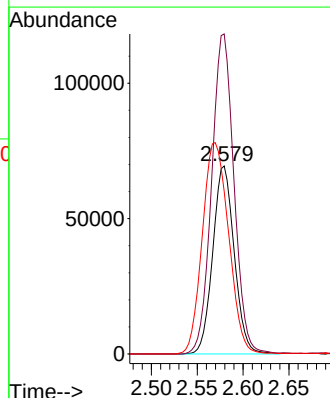
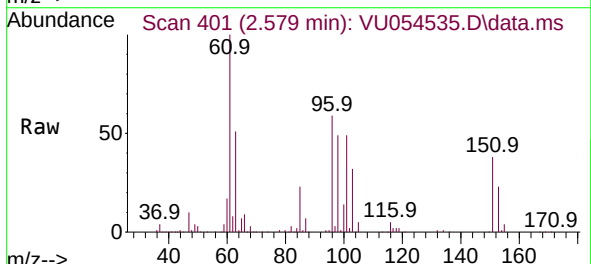
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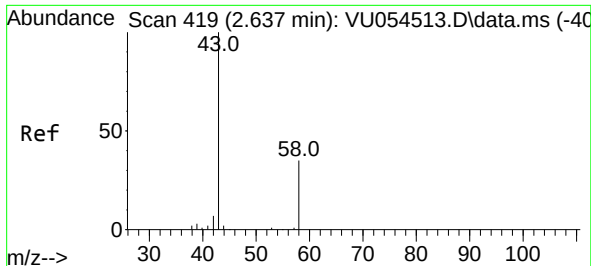
Tgt Ion:101 Resp: 108895
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.6 51.8
 151 76.7 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 5.413 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

Tgt Ion: 96 Resp: 113170
 Ion Ratio Lower Upper
 96 100
 61 170.2 119.9 222.7
 63 86.5 64.3 119.3





#13

Acetone

Concen: 34.598 ug/L

RT: 2.640 min Scan# 419

Delta R.T. -0.010 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

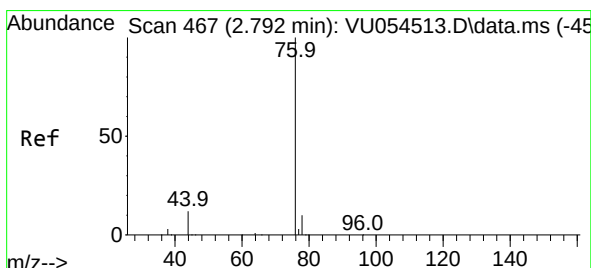
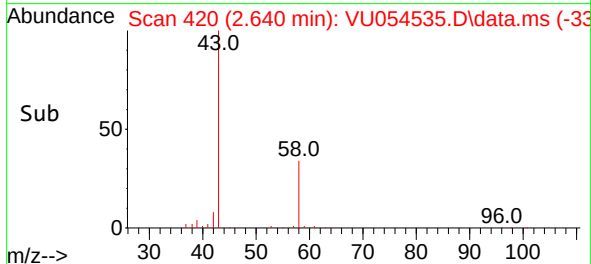
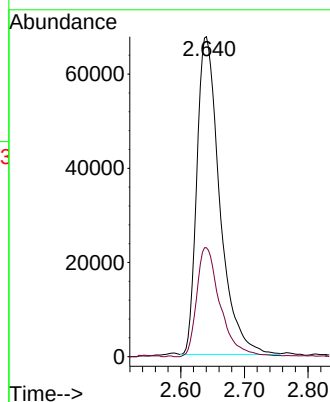
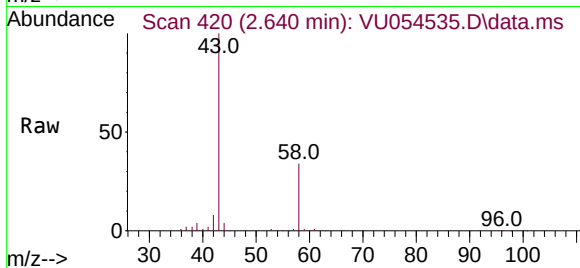
EXYY0MSD

Tgt Ion: 43 Resp: 168243

Ion Ratio Lower Upper

43 100

58 35.5 0.0 67.2



#14

Carbon disulfide

Concen: 4.569 ug/L

RT: 2.791 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054535.D

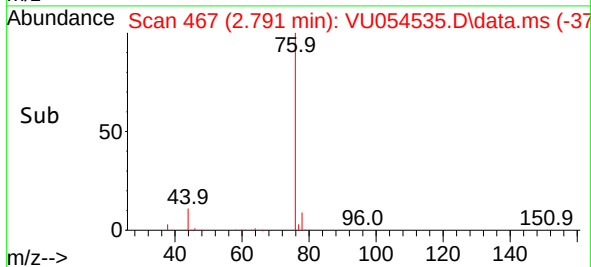
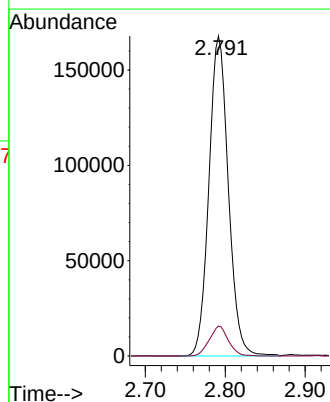
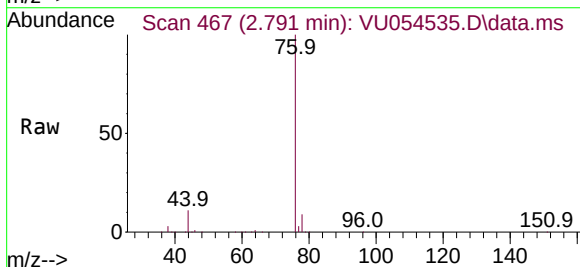
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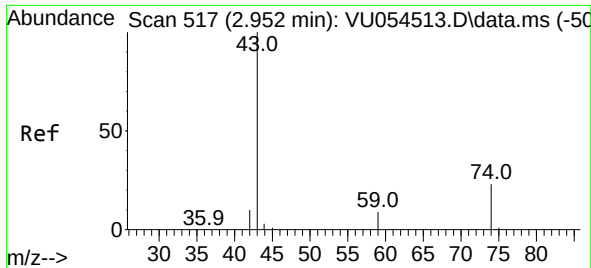
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Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

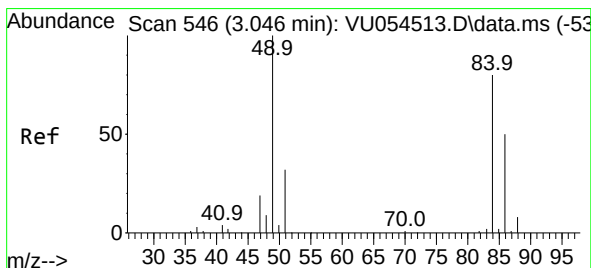
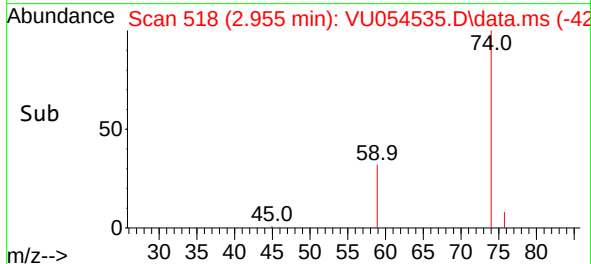
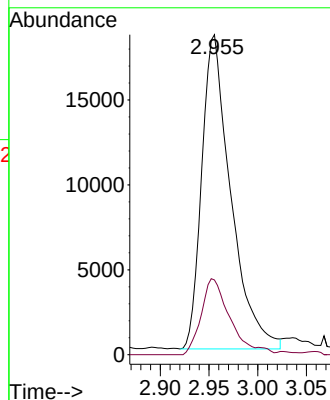
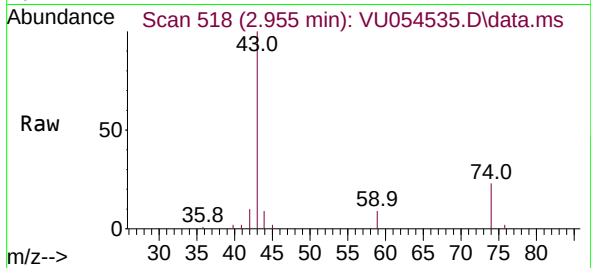




#15
Methyl Acetate
Concen: 4.258 ug/L
RT: 2.955 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

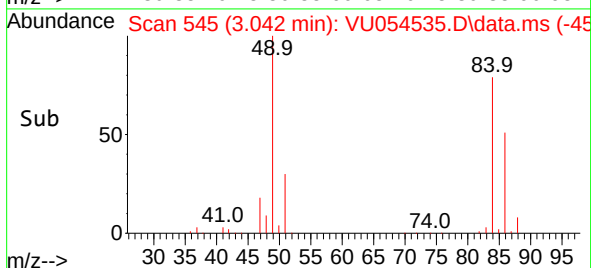
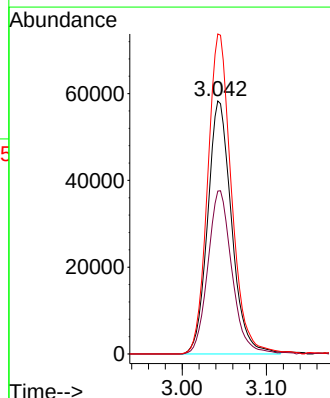
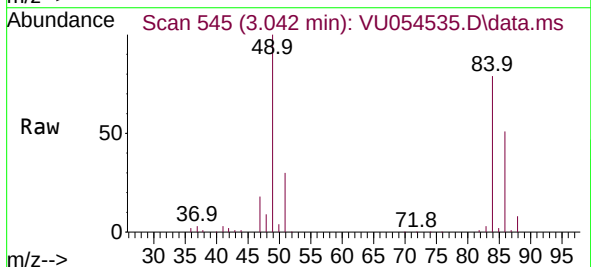
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

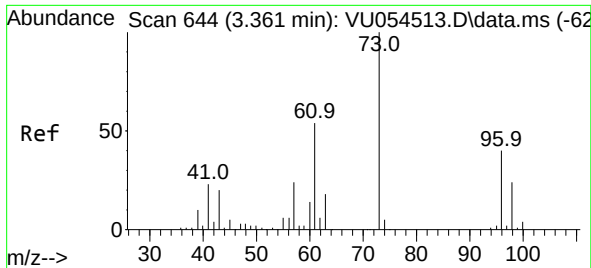
Tgt Ion: 43 Resp: 38371
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6



#16
Methylene chloride
Concen: 3.913 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 84 Resp: 115040
Ion Ratio Lower Upper
84 100
86 64.4 43.9 81.5
49 126.5 86.1 159.9

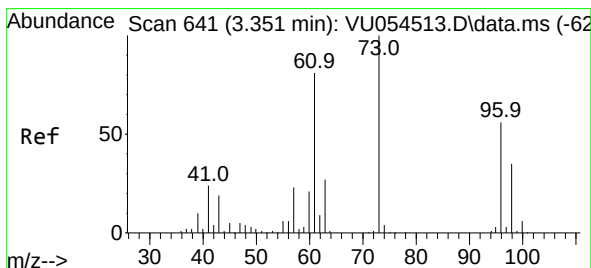
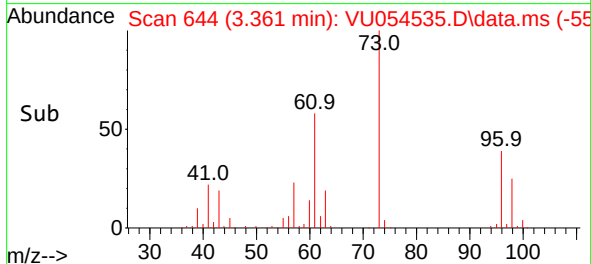
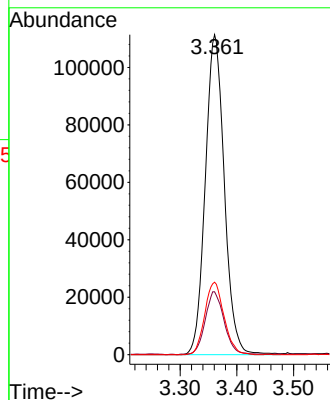
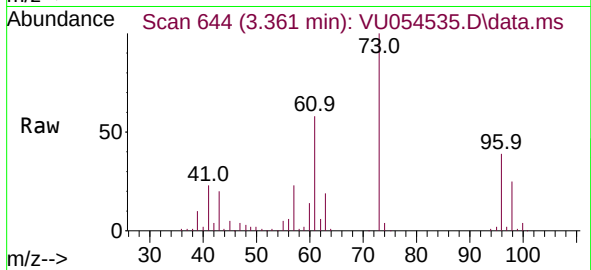




#17
Methyl tert-butyl Ether
Concen: 5.035 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

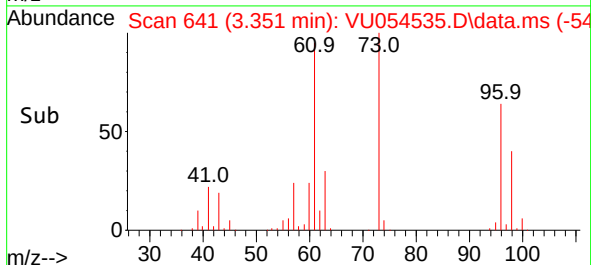
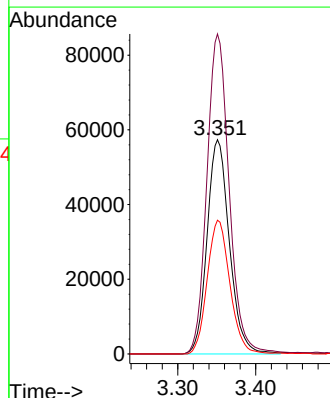
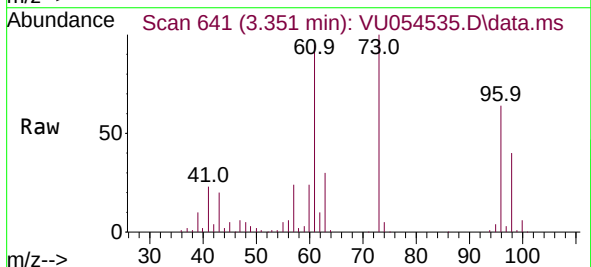
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

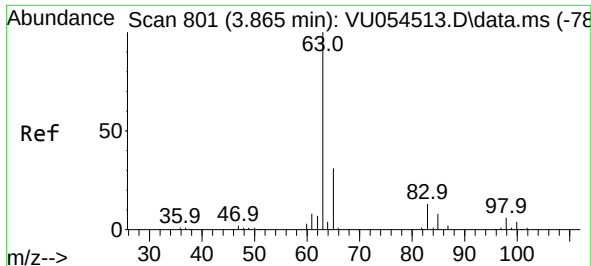
Tgt Ion: 73 Resp: 259837
Ion Ratio Lower Upper
73 100
43 19.2 15.7 23.5
57 22.9 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.294 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 96 Resp: 114280
Ion Ratio Lower Upper
96 100
61 149.4 104.6 194.2
98 62.5 45.4 84.4





#19

1,1-Dichloroethane

Concen: 20.209 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MSD

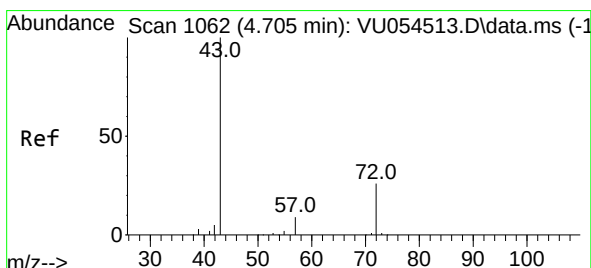
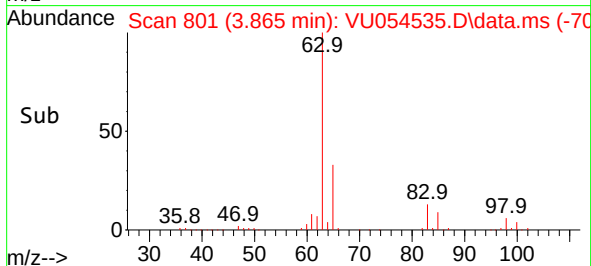
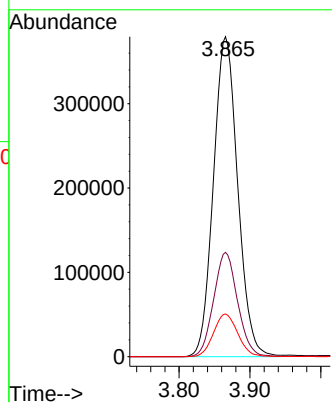
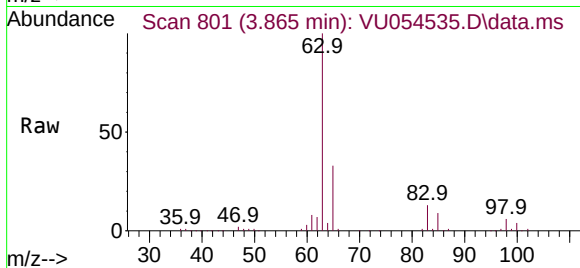
Tgt Ion: 63 Resp: 902715

Ion Ratio Lower Upper

63 100

65 32.6 22.2 41.2

83 13.3 9.0 16.6



#21

2-Butanone

Concen: 45.195 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU054535.D

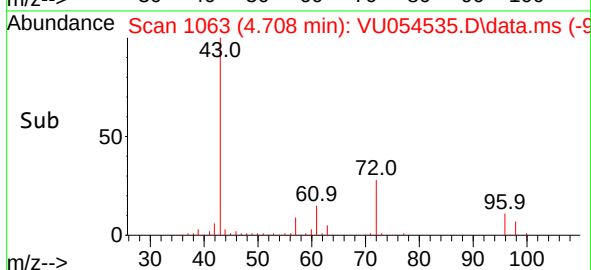
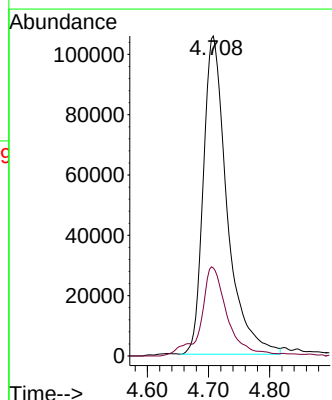
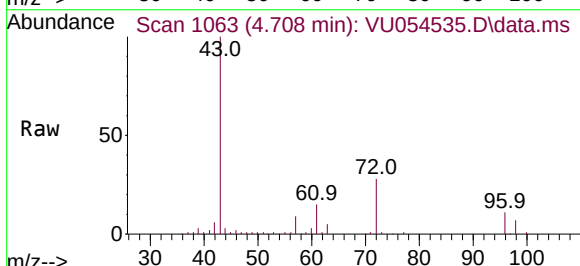
Acq: 15 Jun 2023 18:50

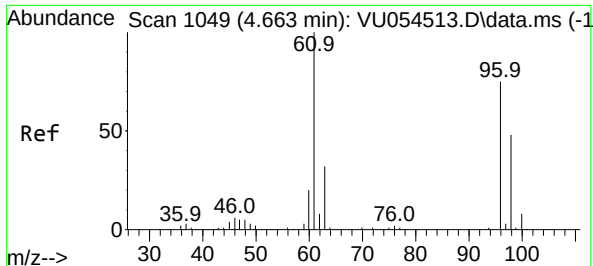
Tgt Ion: 43 Resp: 285220

Ion Ratio Lower Upper

43 100

72 27.0 13.4 40.1

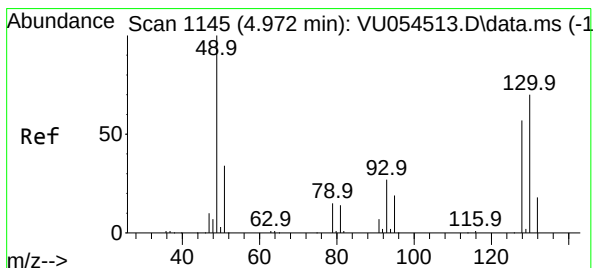
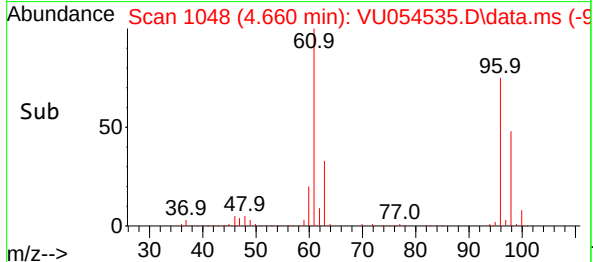
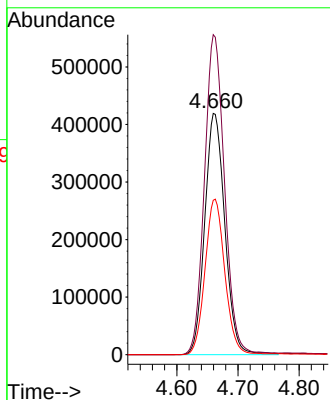
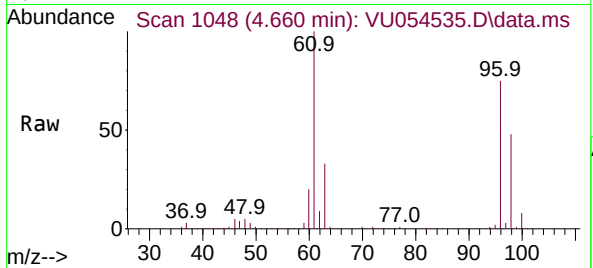




#22
 cis-1,2-Dichloroethene
 Concen: 39.062 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

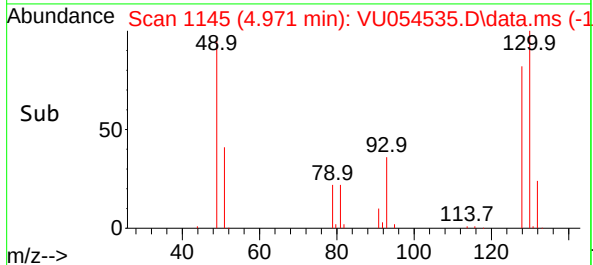
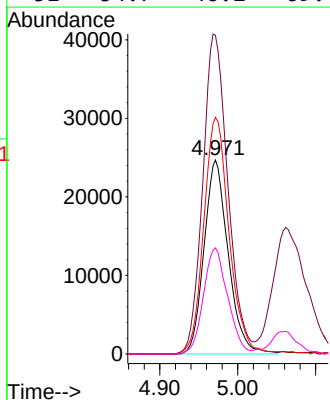
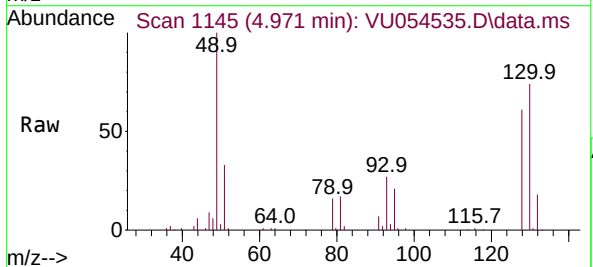
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MSD

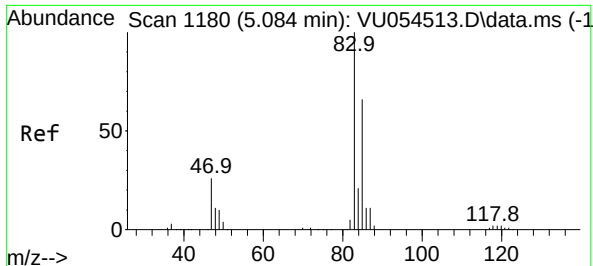
Tgt Ion: 96 Resp: 960126
 Ion Ratio Lower Upper
 96 100
 61 132.6 96.5 179.1
 98 64.0 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.199 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

Tgt Ion:128 Resp: 53180
 Ion Ratio Lower Upper
 128 100
 49 164.2 132.1 245.3
 130 122.0 91.5 169.9
 51 54.7 46.2 69.4





#25

Chloroform

Concen: 5.137 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

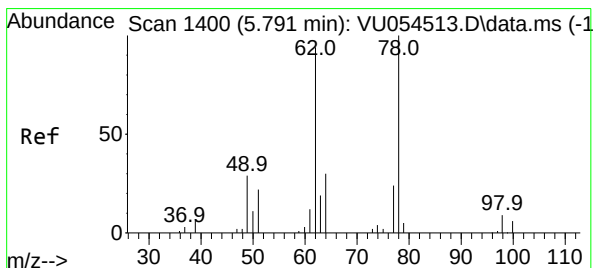
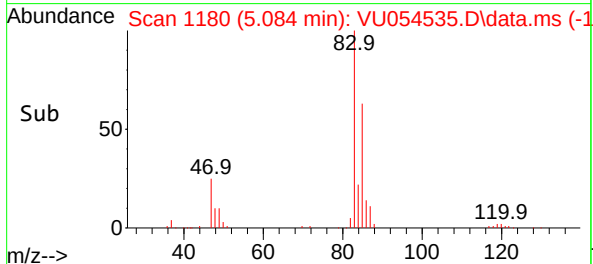
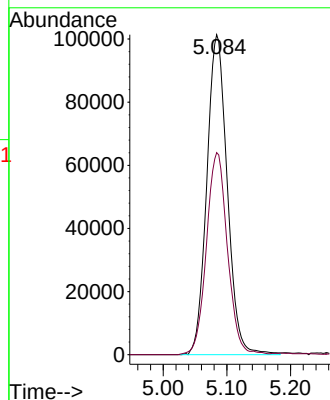
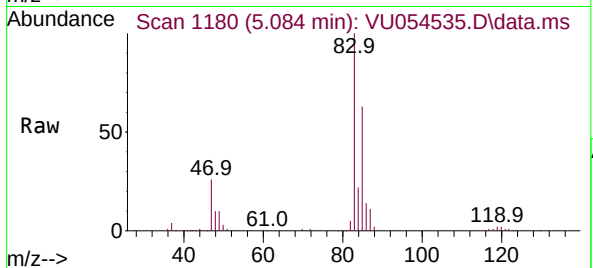
EXYY0MSD

Tgt Ion: 83 Resp: 226224

Ion Ratio Lower Upper

83 100

85 63.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.957 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU054535.D

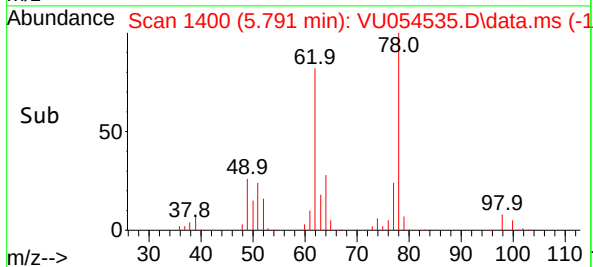
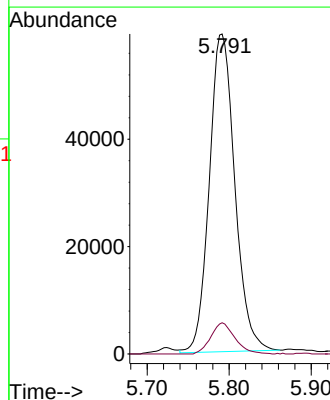
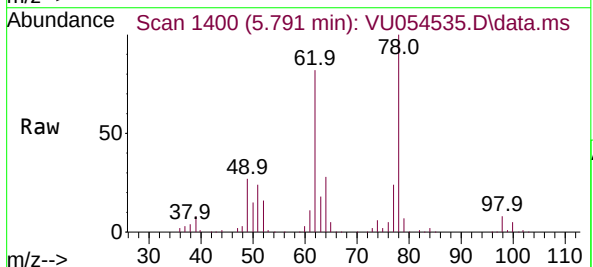
Acq: 15 Jun 2023 18:50

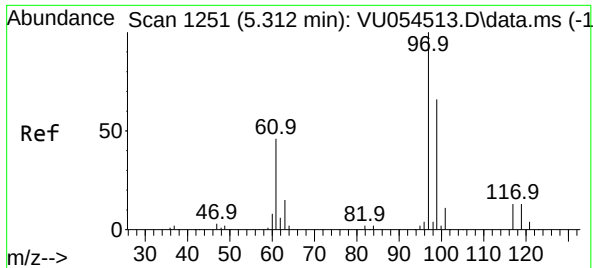
Tgt Ion: 62 Resp: 127945

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6

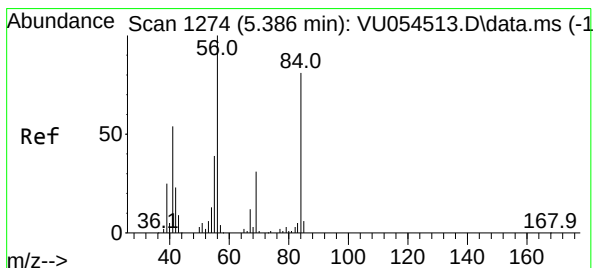
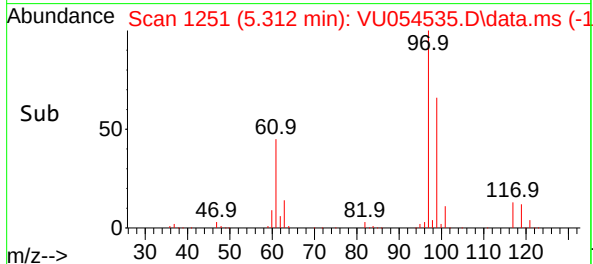
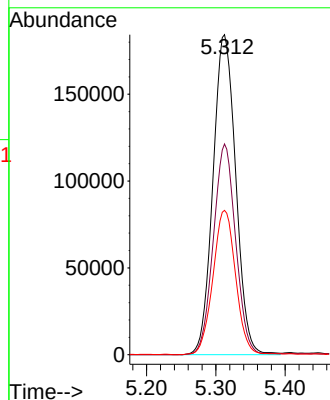
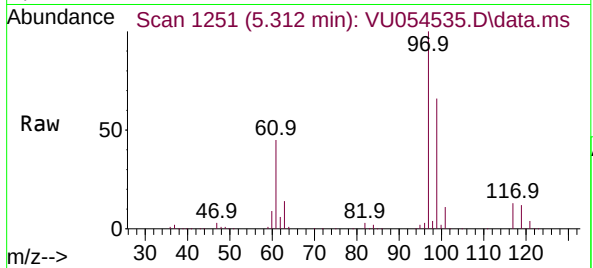




#29
1,1,1-Trichloroethane
Concen: 11.302 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

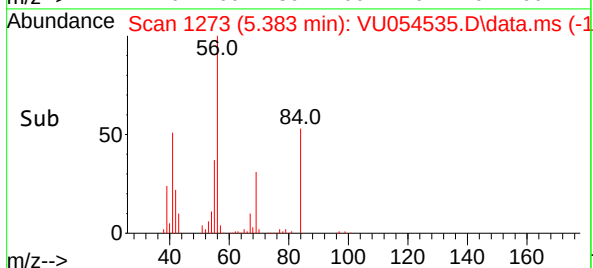
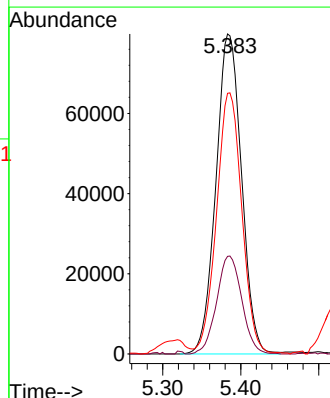
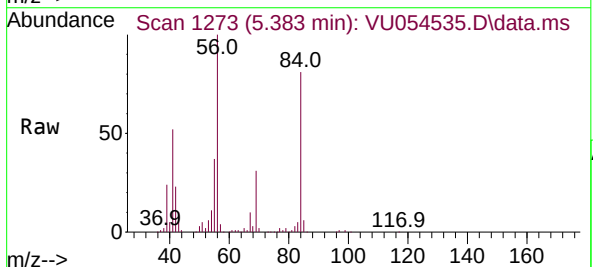
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

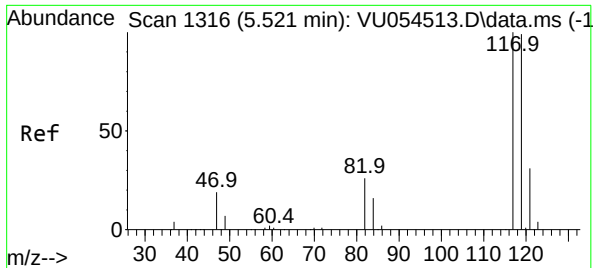
Tgt Ion: 97 Resp: 421583
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.9 36.1 54.1



#30
Cyclohexane
Concen: 4.490 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 56 Resp: 182446
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 80.9 63.0 94.6

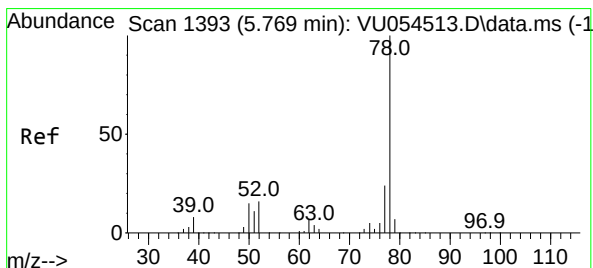
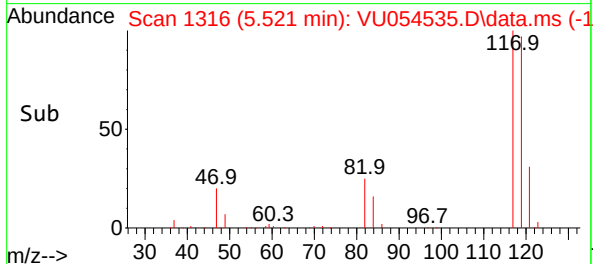
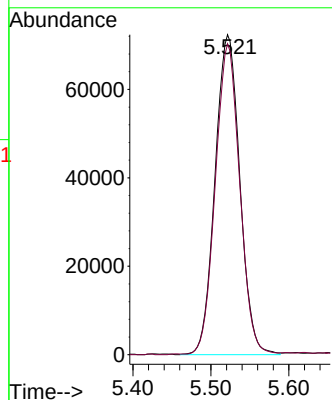
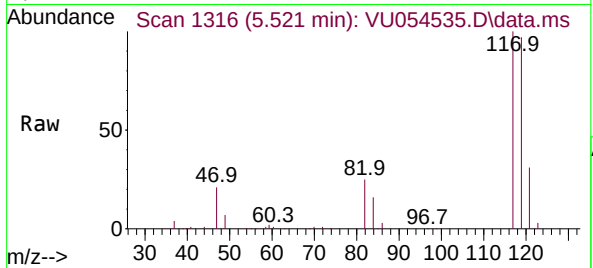




#31
Carbon tetrachloride
Concen: 4.977 ug/L
RT: 5.521 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

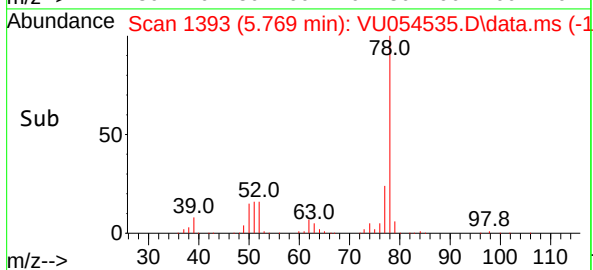
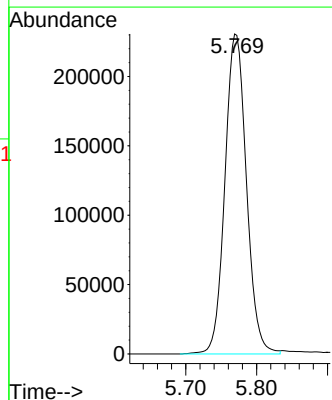
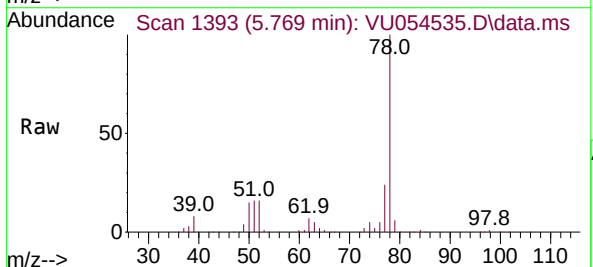
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

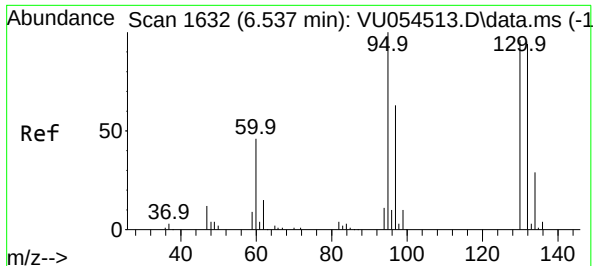
Tgt Ion:117 Resp: 159981
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2



#33
Benzene
Concen: 4.923 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 78 Resp: 486703

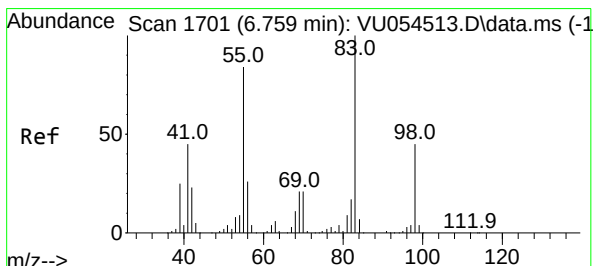
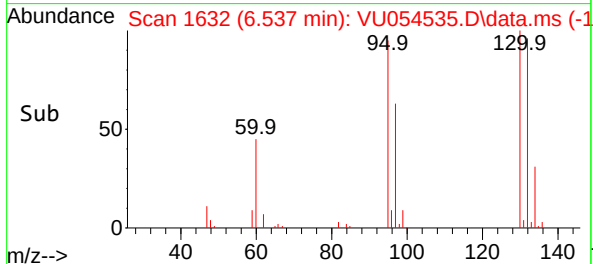
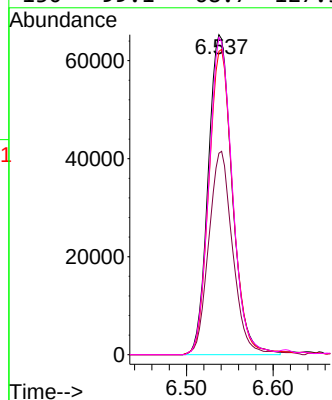
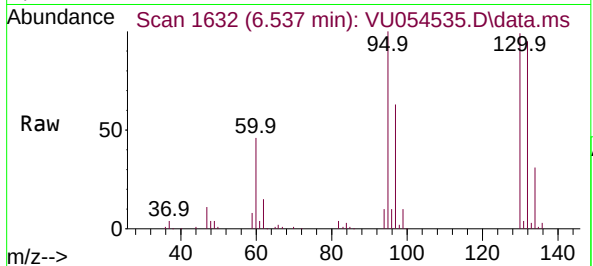




#34
Trichloroethene
Concen: 4.813 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

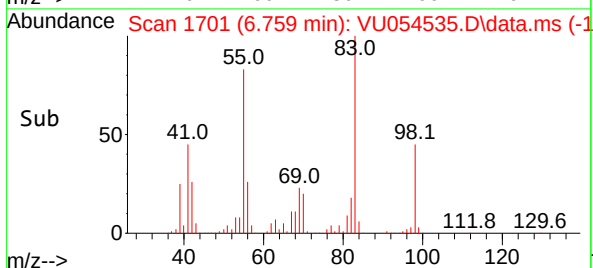
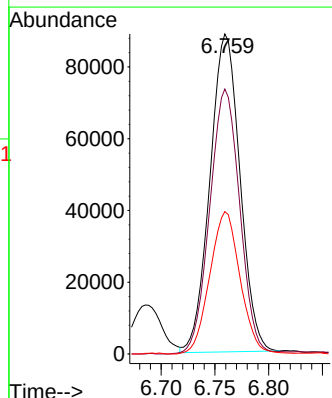
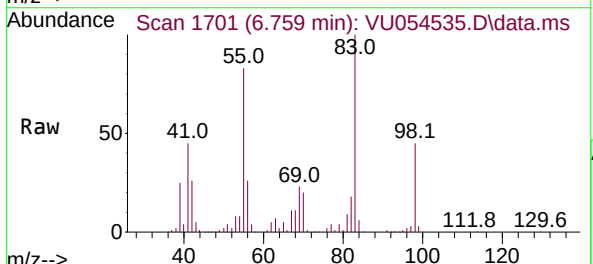
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

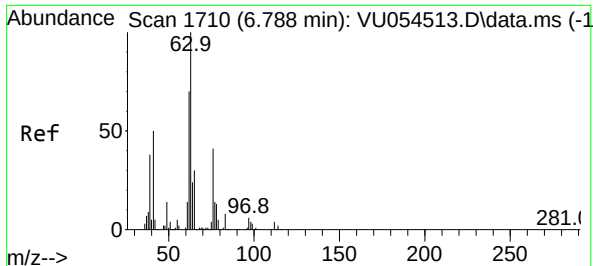
Tgt Ion: 95 Resp: 125823
Ion Ratio Lower Upper
95 100
97 62.9 46.8 87.0
132 94.8 68.4 127.0
130 99.1 68.7 127.5



#35
Methylcyclohexane
Concen: 4.357 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 83 Resp: 172164
Ion Ratio Lower Upper
83 100
55 83.5 67.1 100.7
98 45.2 35.1 52.7





#37

1,2-Dichloropropane

Concen: 4.835 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

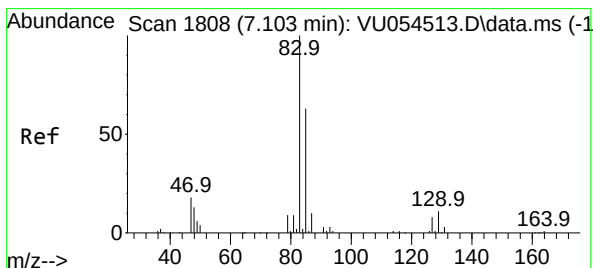
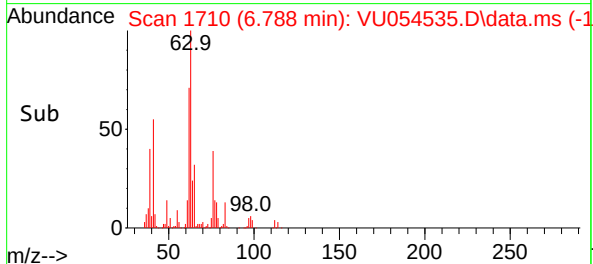
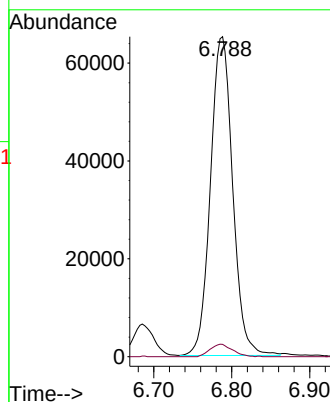
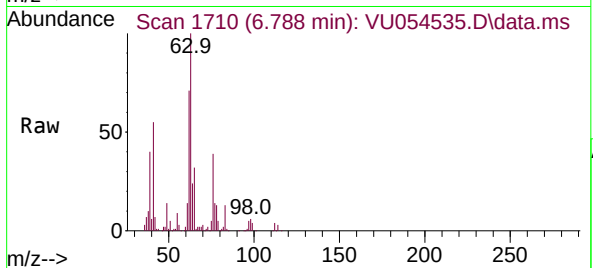
EXYY0MSD

Tgt Ion: 63 Resp: 129239

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 5.126 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

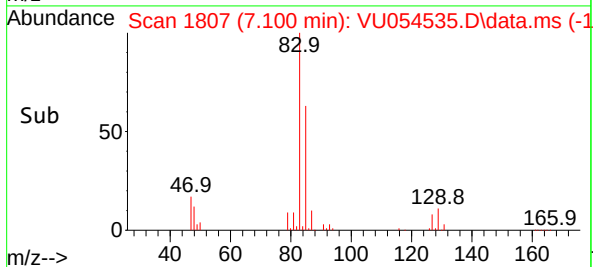
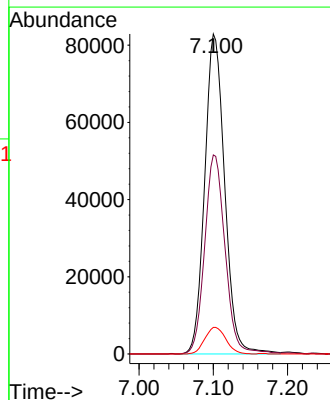
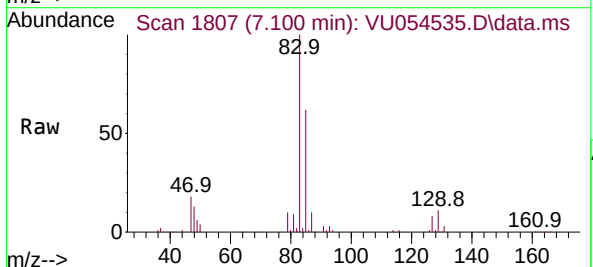
Tgt Ion: 83 Resp: 155118

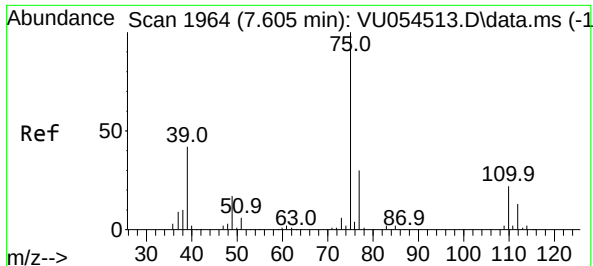
Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.912 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

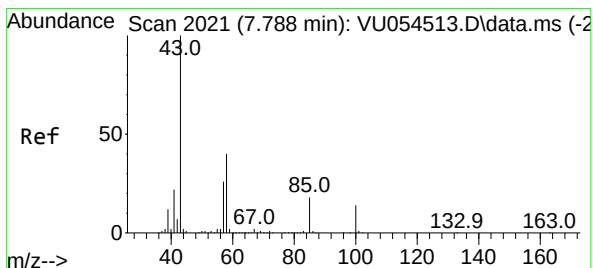
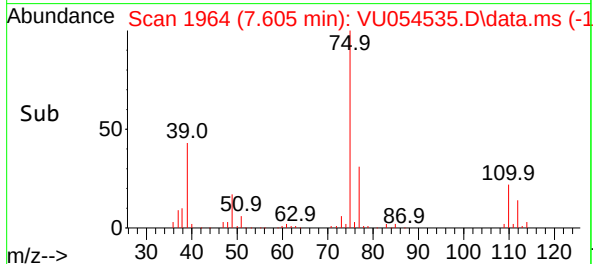
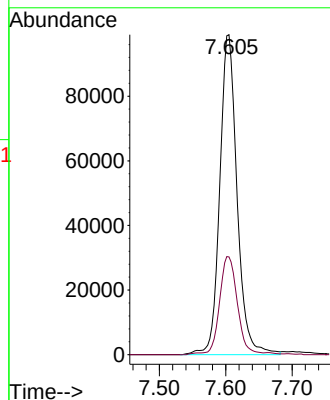
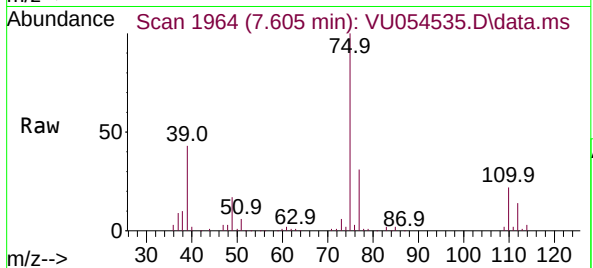
EXYY0MSD

Tgt Ion: 75 Resp: 179265

Ion Ratio Lower Upper

75 100

77 30.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 48.840 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

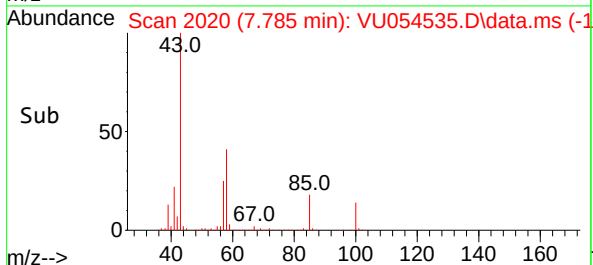
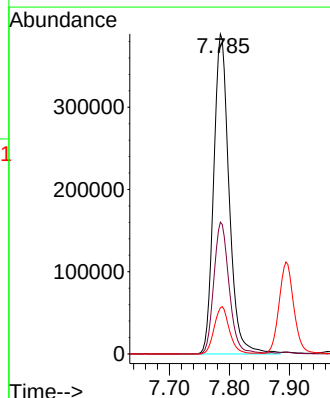
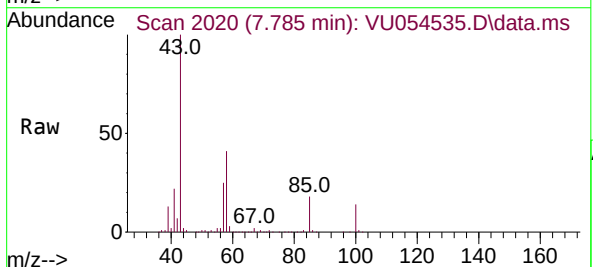
Tgt Ion: 43 Resp: 696732

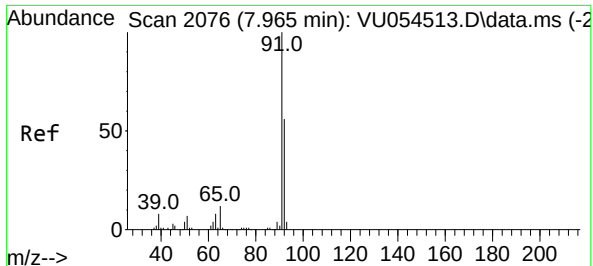
Ion Ratio Lower Upper

43 100

58 40.9 32.4 48.6

100 14.5 11.4 17.2





#42

Toluene

Concen: 5.116 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

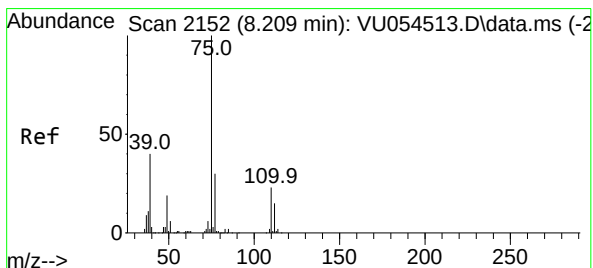
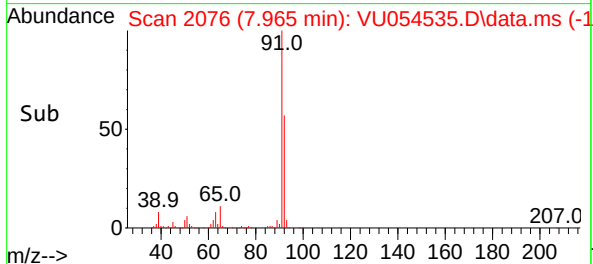
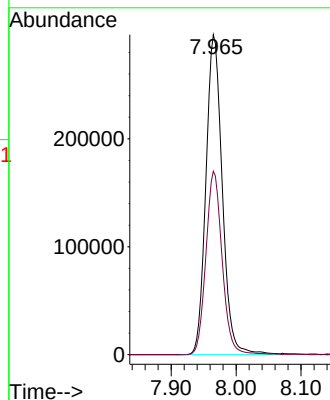
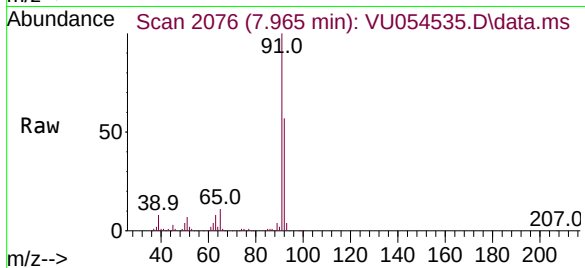
EXYY0MSD

Tgt Ion: 91 Resp: 520844

Ion Ratio Lower Upper

91 100

92 57.3 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.920 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054535.D

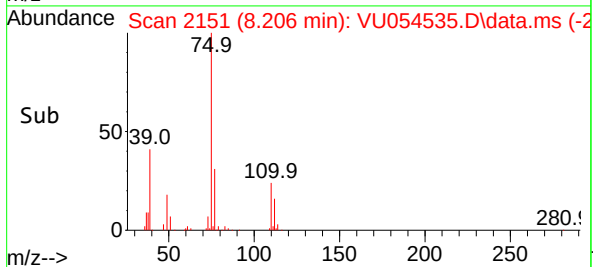
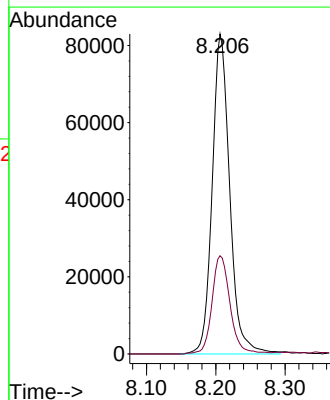
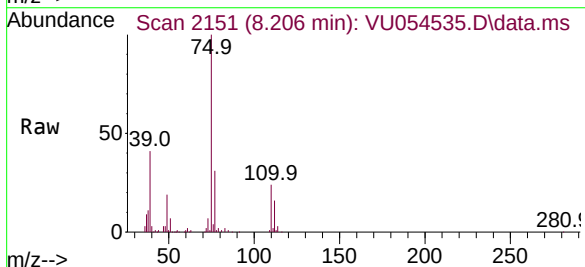
Acq: 15 Jun 2023 18:50

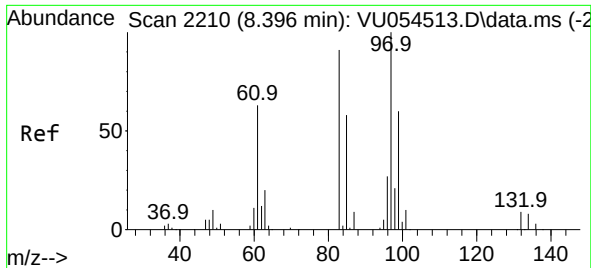
Tgt Ion: 75 Resp: 145735

Ion Ratio Lower Upper

75 100

77 30.7 21.3 39.6

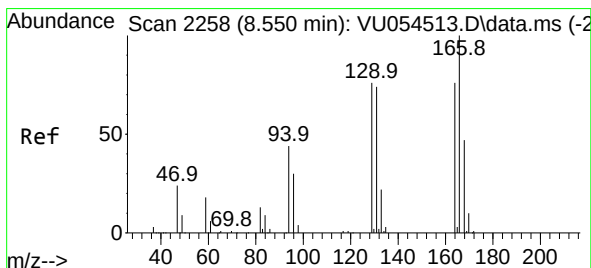
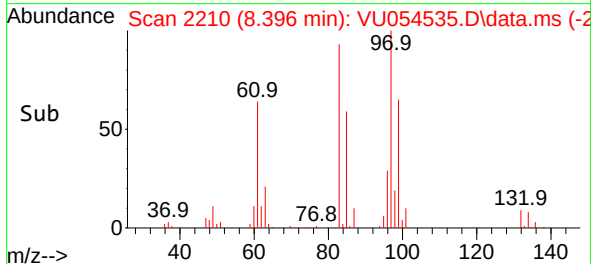
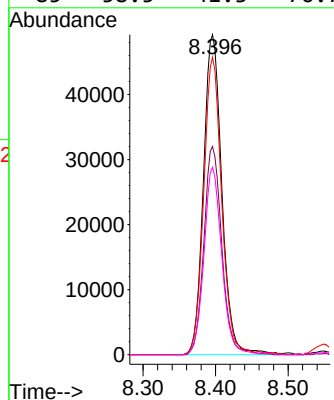
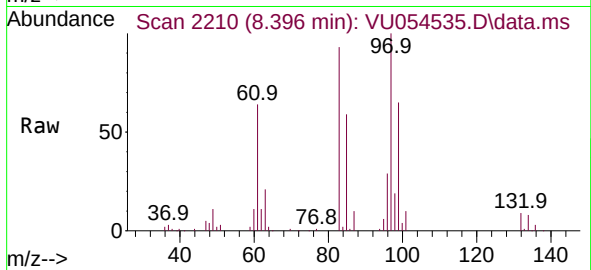




#45
1,1,2-Trichloroethane
Concen: 5.107 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

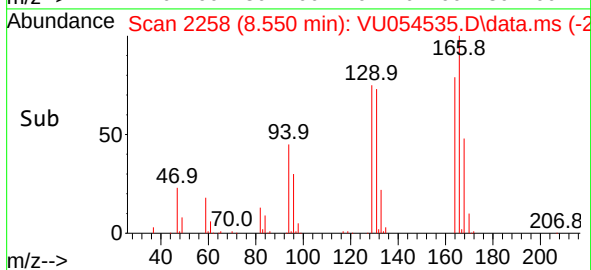
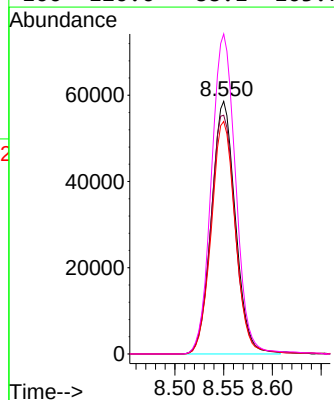
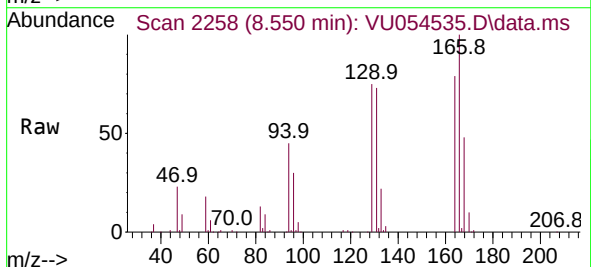
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

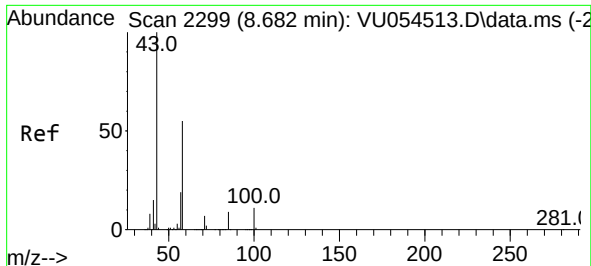
Tgt Ion:	97	Resp:	86842
Ion	Ratio	Lower	Upper
97	100		
99	65.0	43.0	80.0
83	92.9	63.8	118.6
85	58.5	41.3	76.7



#47
Tetrachloroethene
Concen: 4.998 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion:	164	Resp:	100012
Ion	Ratio	Lower	Upper
164	100		
129	94.5	67.7	125.7
131	92.0	64.6	120.0
166	126.6	88.1	163.7

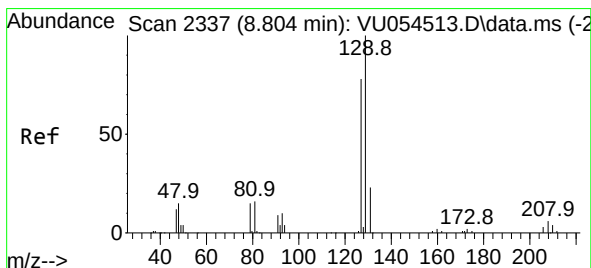
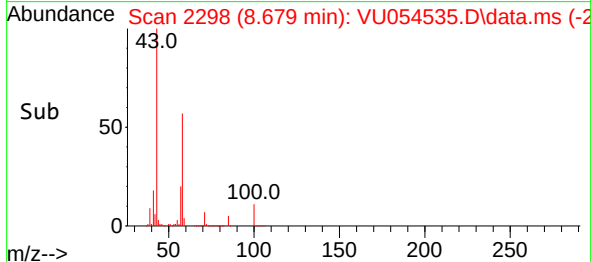
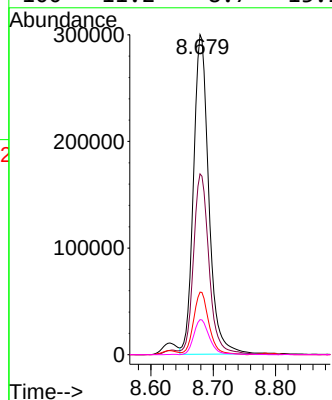
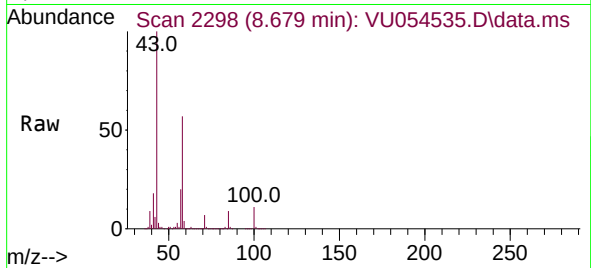




#48
2-Hexanone
Concen: 48.094 ug/L
RT: 8.679 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

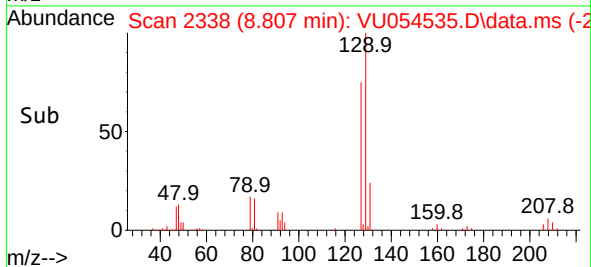
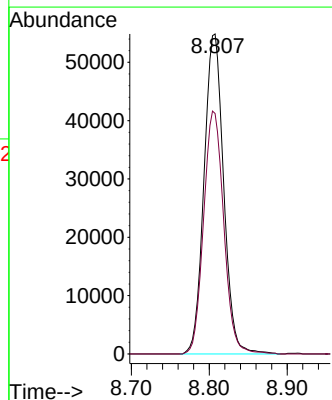
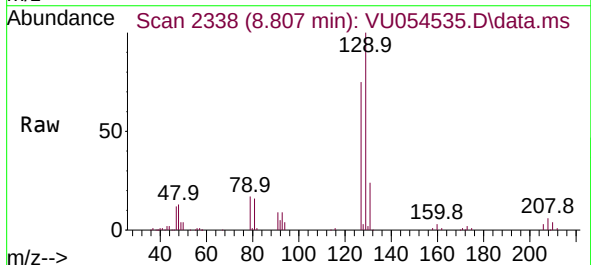
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

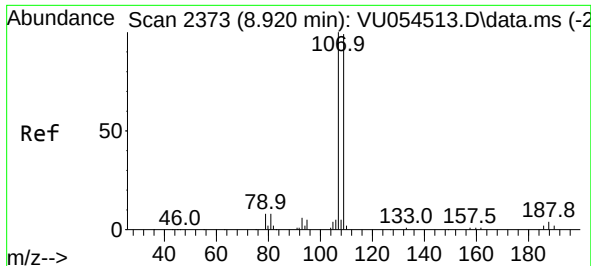
Tgt Ion: 43 Resp: 511207
Ion Ratio Lower Upper
43 100
58 56.8 45.2 67.8
57 19.7 15.8 23.6
100 11.2 8.7 13.1



#49
Dibromochloromethane
Concen: 5.362 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 129 Resp: 95753
Ion Ratio Lower Upper
129 100
127 75.1 53.2 98.8

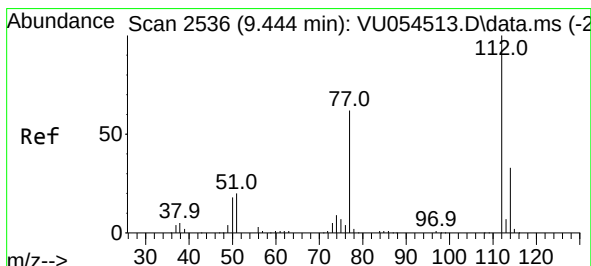
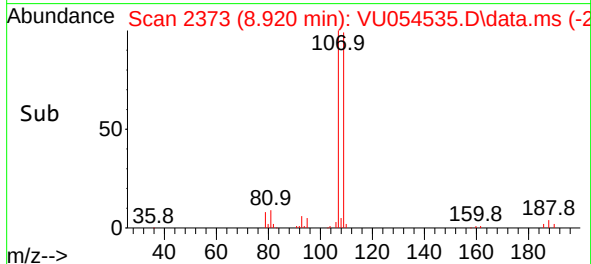
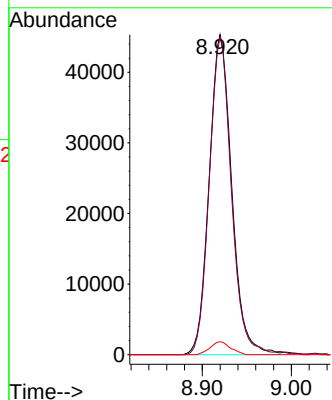
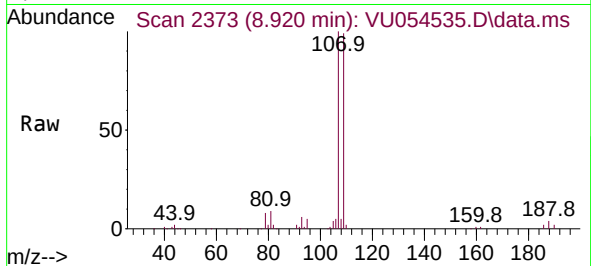




#50
1,2-Dibromoethane
Concen: 5.115 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

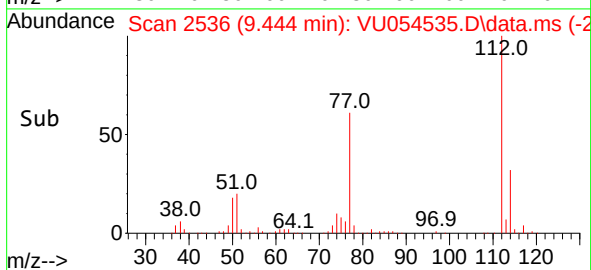
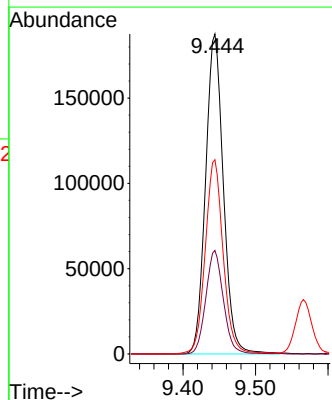
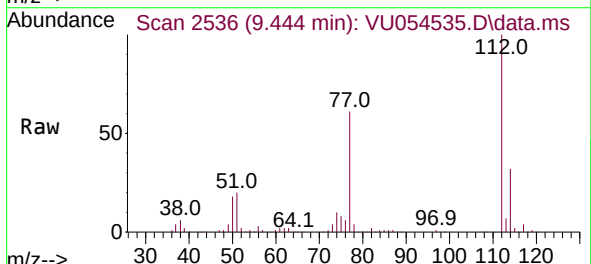
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

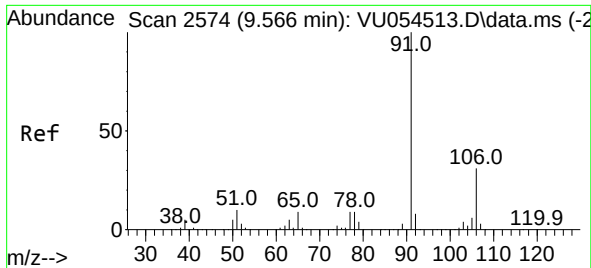
Tgt Ion:107 Resp: 79855
Ion Ratio Lower Upper
107 100
109 99.2 66.6 123.6
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 5.049 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion:112 Resp: 320455
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 60.7 49.8 74.8

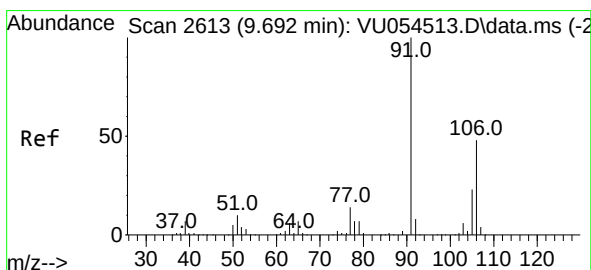
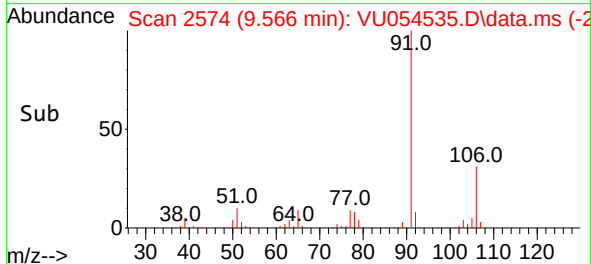
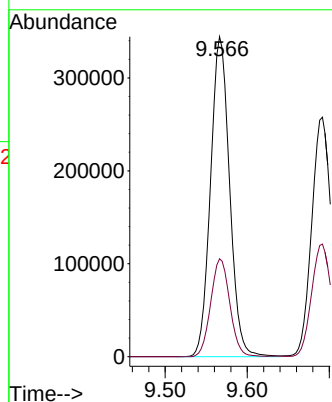
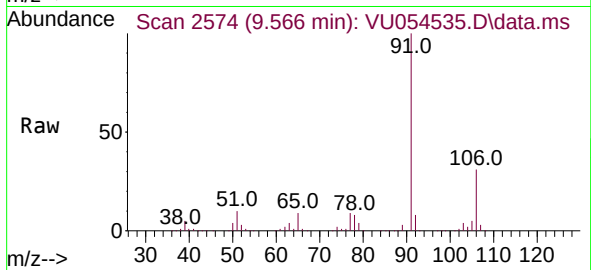




#52
Ethylbenzene
Concen: 4.997 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

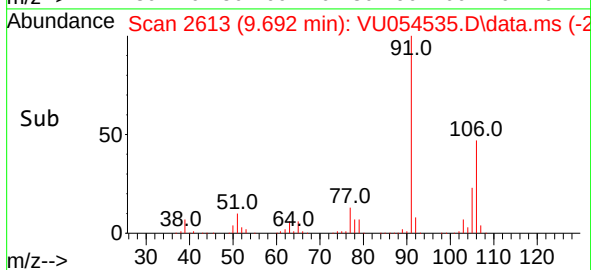
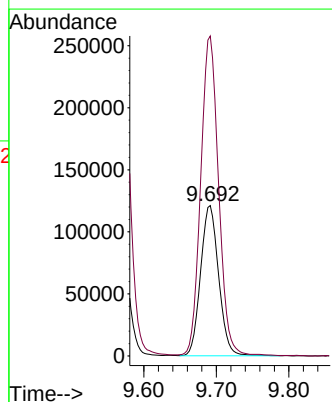
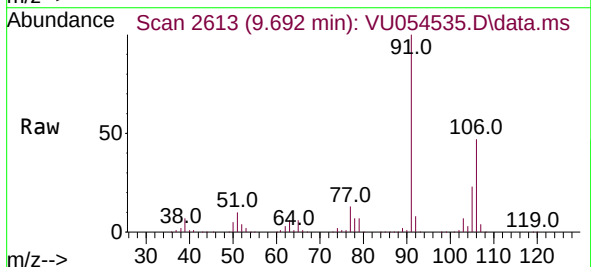
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

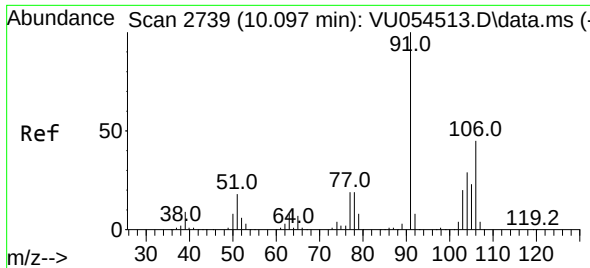
Tgt Ion: 91 Resp: 555691
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 5.111 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 106 Resp: 208774
Ion Ratio Lower Upper
106 100
91 212.8 147.0 273.0

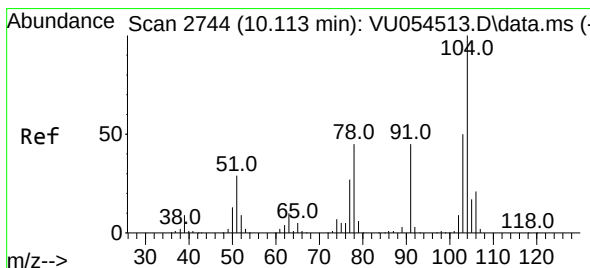
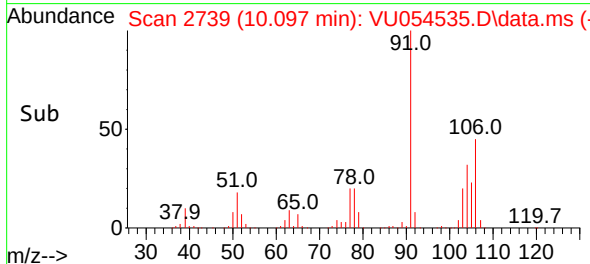
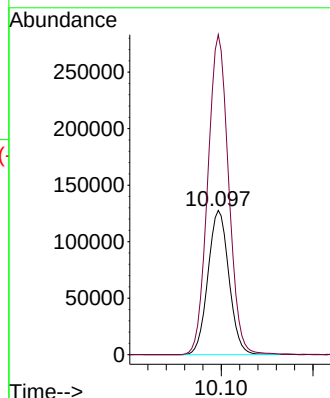
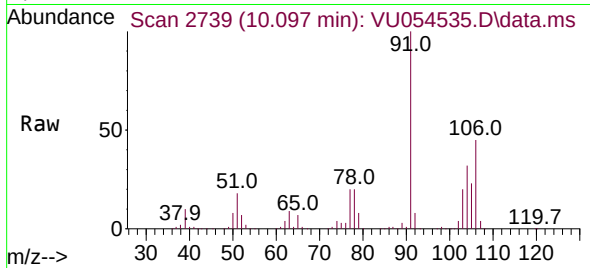




#54
o-Xylene
Concen: 5.140 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

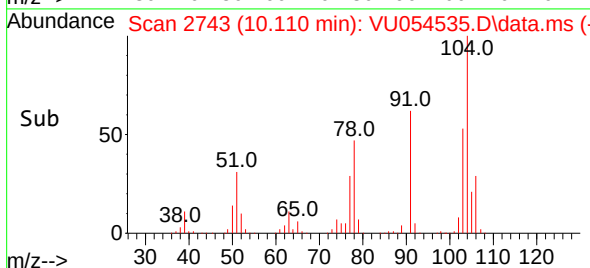
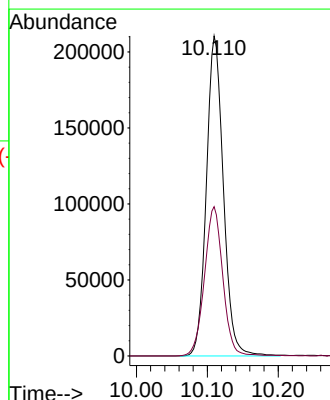
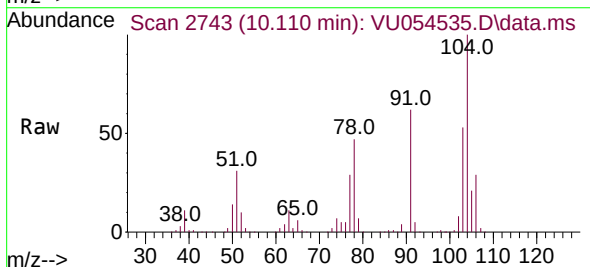
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

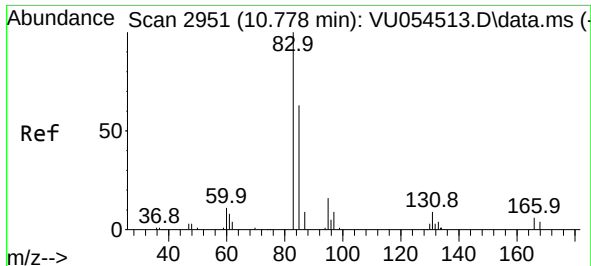
Tgt Ion:106 Resp: 203042
Ion Ratio Lower Upper
106 100
91 221.7 154.5 286.9



#55
Styrene
Concen: 5.296 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion:104 Resp: 351139
Ion Ratio Lower Upper
104 100
78 46.7 33.0 61.4

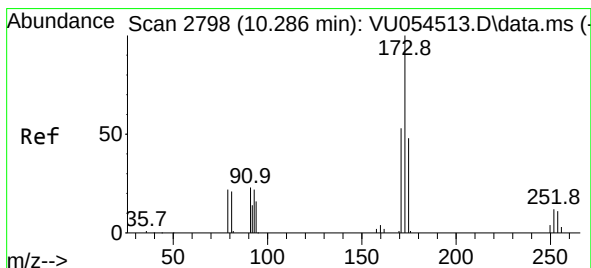
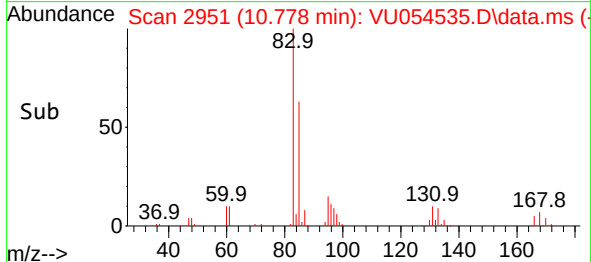
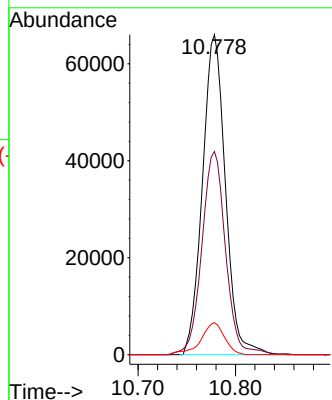
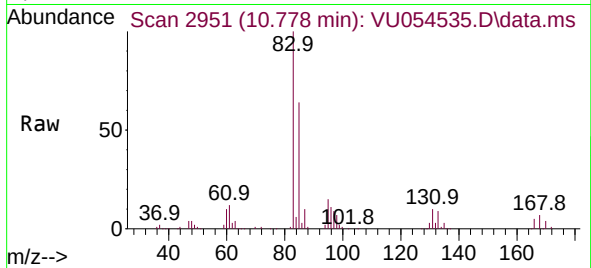




#57
1,1,2,2-Tetrachloroethane
Concen: 5.004 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

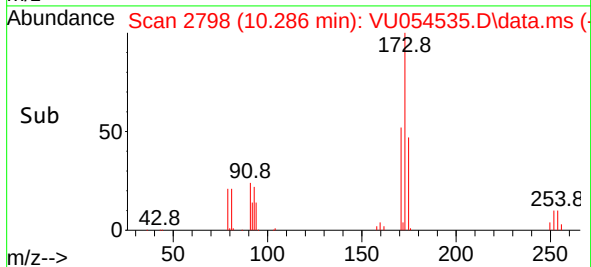
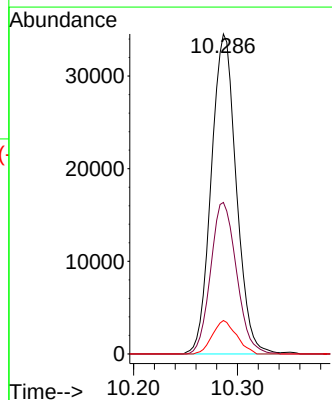
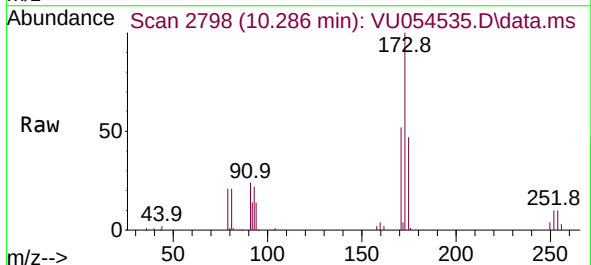
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

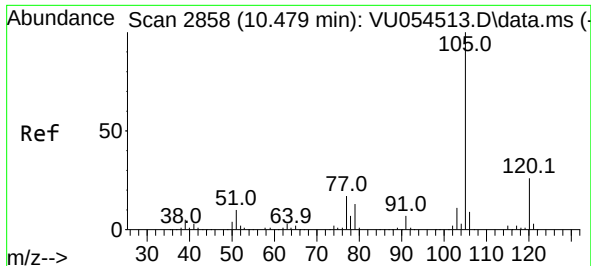
Tgt Ion: 83 Resp: 108082
Ion Ratio Lower Upper
83 100
85 63.5 44.2 82.2
131 10.0 7.0 10.6



#59
Bromoform
Concen: 5.429 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion:173 Resp: 57728
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 10.1 8.6 12.8

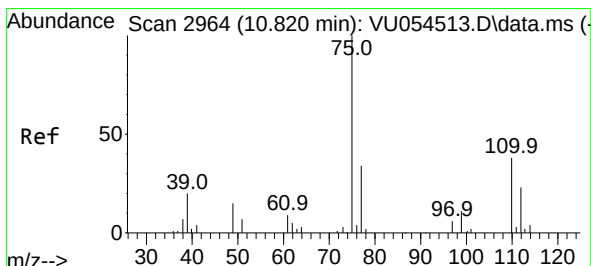
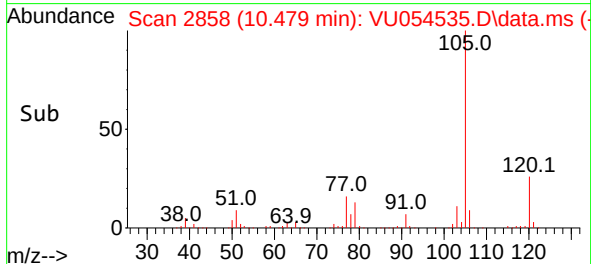
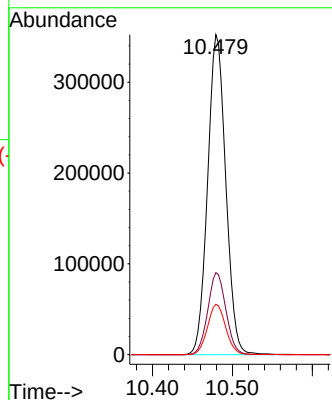
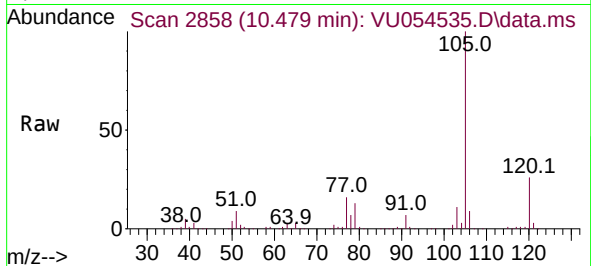




#60
Isopropylbenzene
Concen: 5.132 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

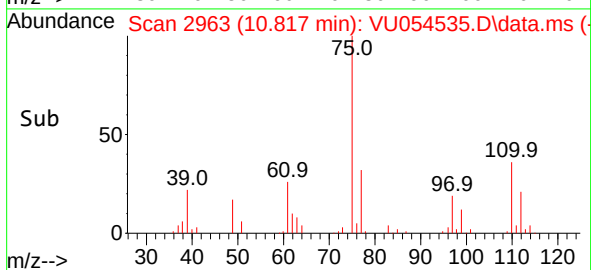
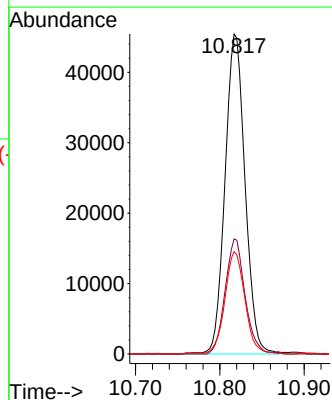
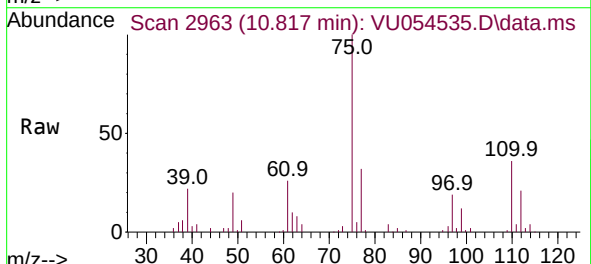
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

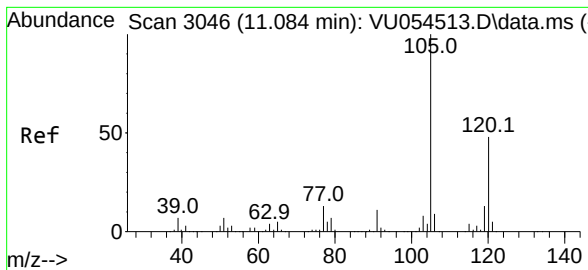
Tgt Ion:105 Resp: 556121
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.997 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 75 Resp: 74802
Ion Ratio Lower Upper
75 100
110 35.7 28.0 42.0
77 31.2 25.4 38.2

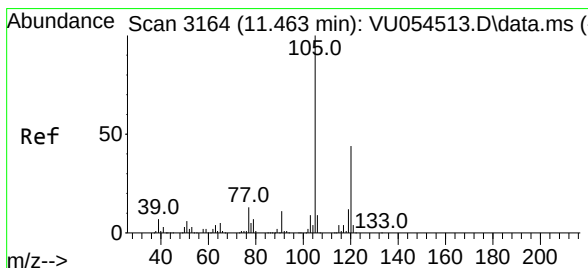
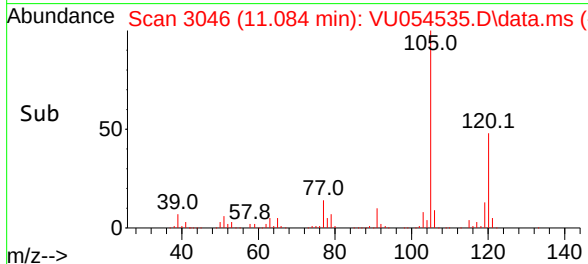
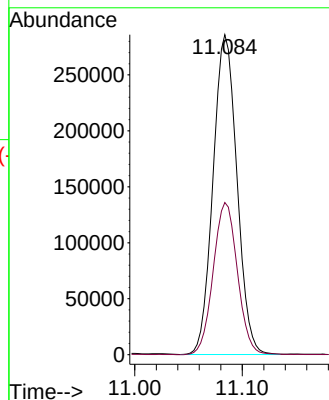
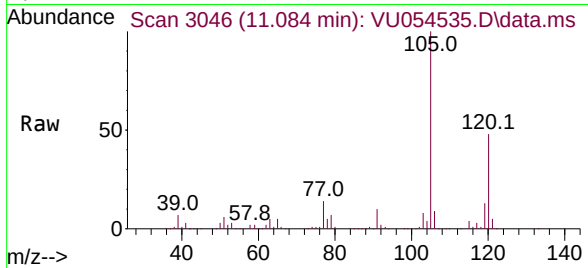




#62
1,3,5-Trimethylbenzene
Concen: 4.988 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

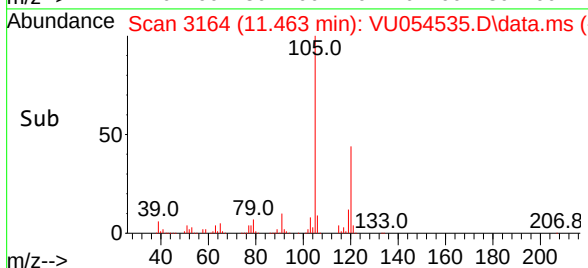
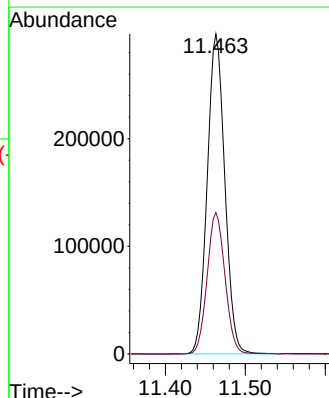
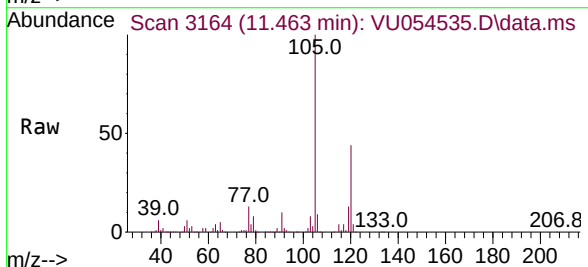
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

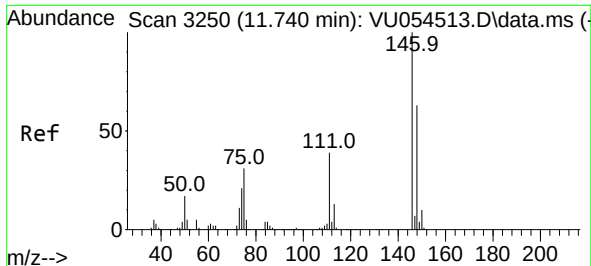
Tgt Ion:105 Resp: 441016
Ion Ratio Lower Upper
105 100
120 48.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.055 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion:105 Resp: 453926
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.0

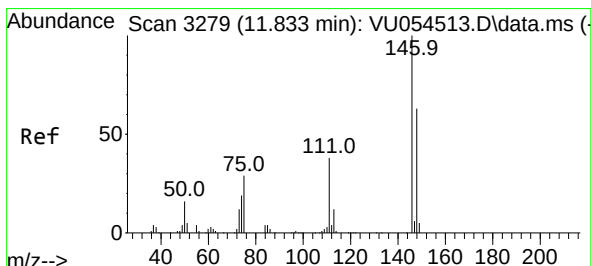
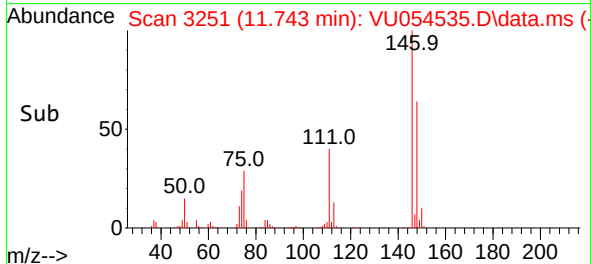
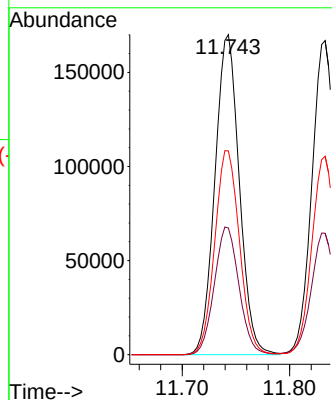
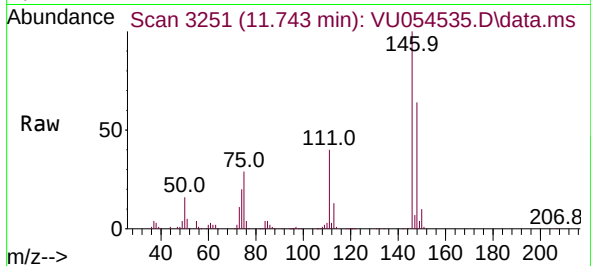




#64
1,3-Dichlorobenzene
Concen: 5.298 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

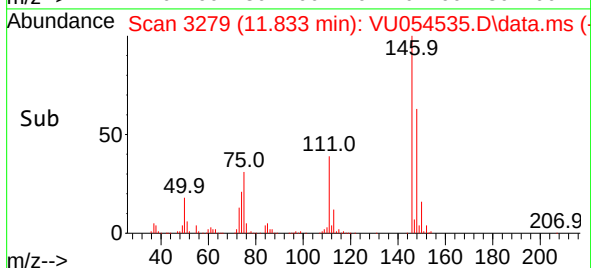
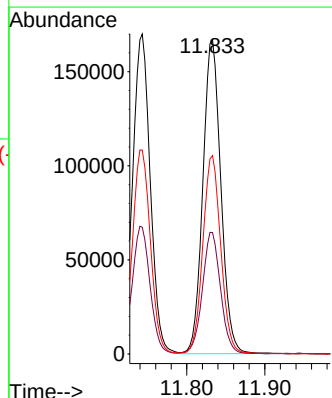
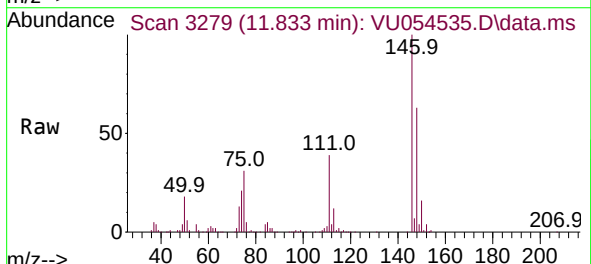
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

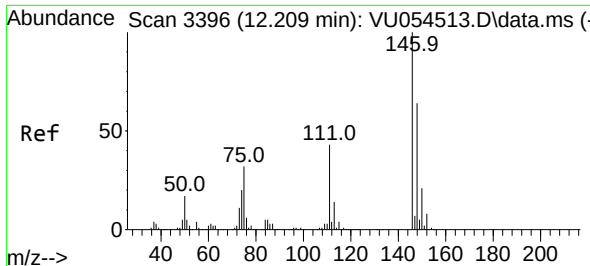
Tgt Ion:146 Resp: 268357
Ion Ratio Lower Upper
146 100
111 39.6 28.9 53.7
148 63.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.264 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion:146 Resp: 267561
Ion Ratio Lower Upper
146 100
111 38.6 28.0 52.0
148 63.2 44.7 83.1

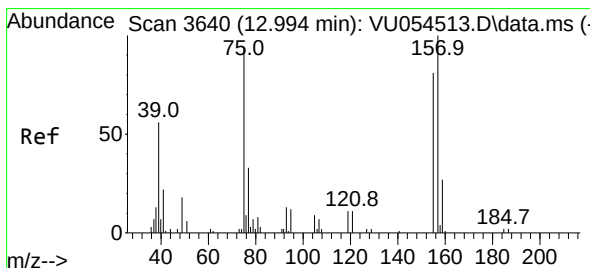
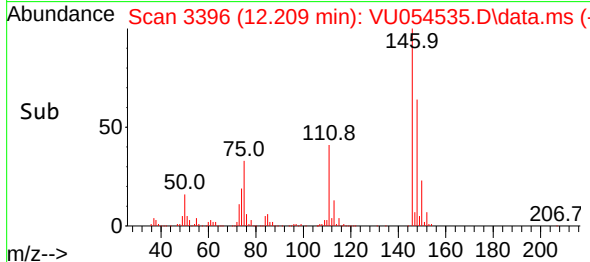
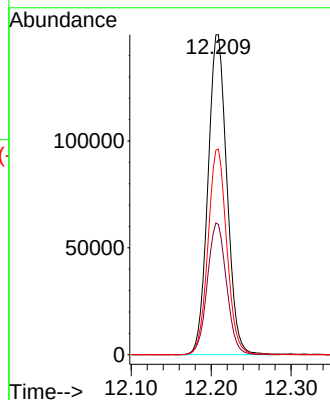
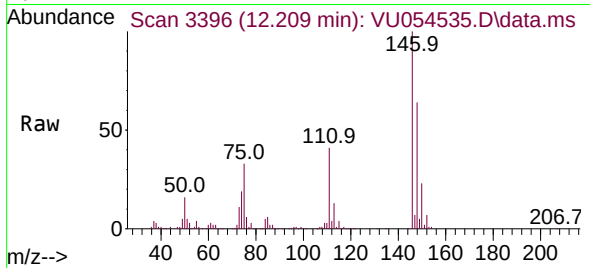




#67
1,2-Dichlorobenzene
Concen: 5.293 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

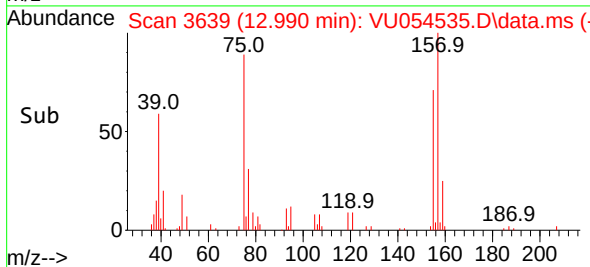
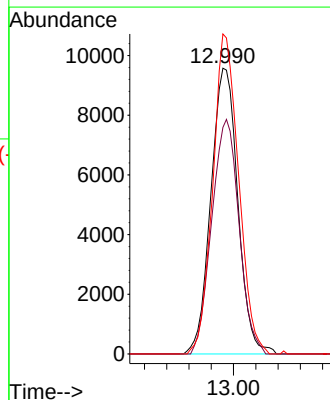
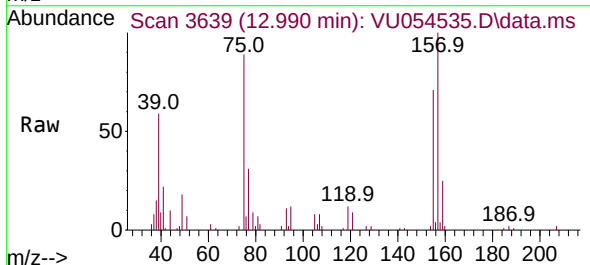
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MSD

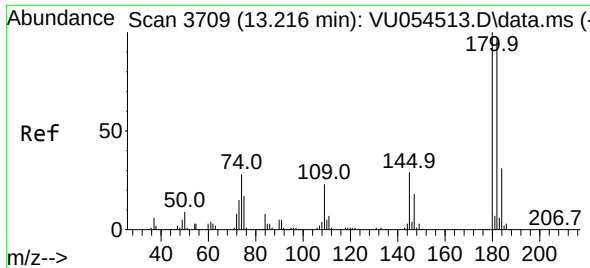
Tgt Ion:146 Resp: 246545
Ion Ratio Lower Upper
146 100
111 40.7 34.5 51.7
148 64.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.883 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU054535.D
Acq: 15 Jun 2023 18:50

Tgt Ion: 75 Resp: 16062
Ion Ratio Lower Upper
75 100
155 79.3 65.7 98.5
157 112.0 84.2 126.2

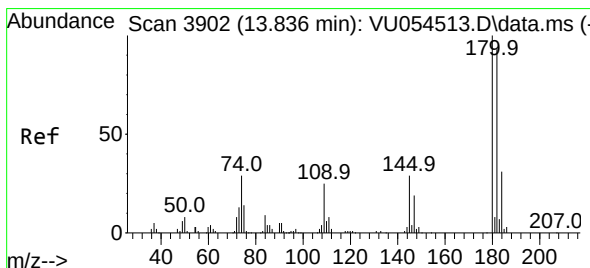
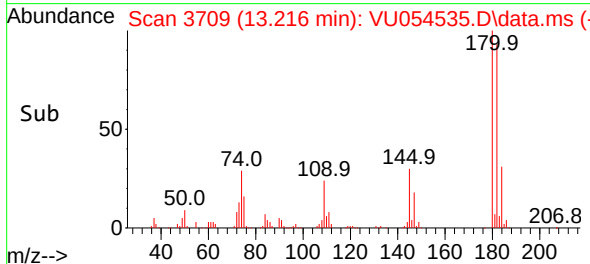
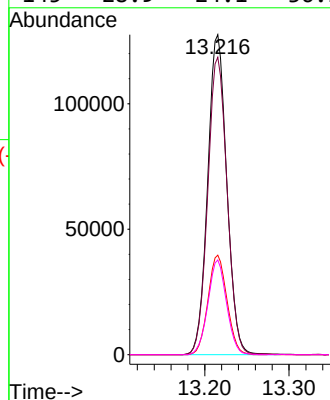
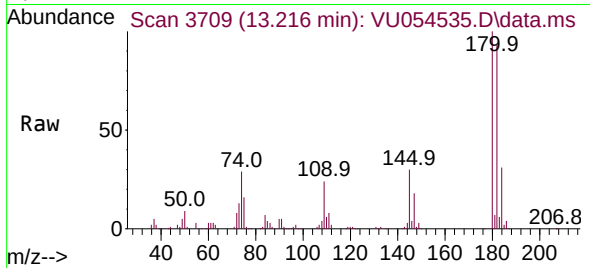




#69
 1,3,5-Trichlorobenzene
 Concen: 5.256 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

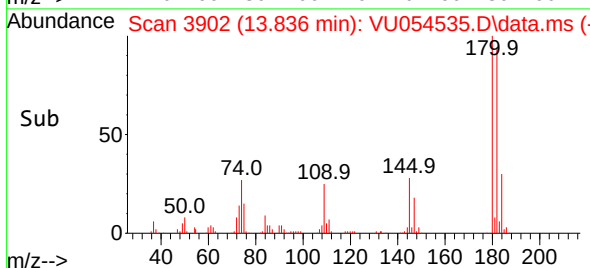
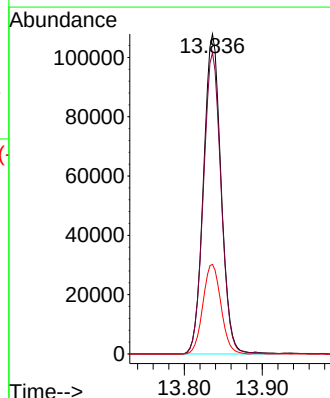
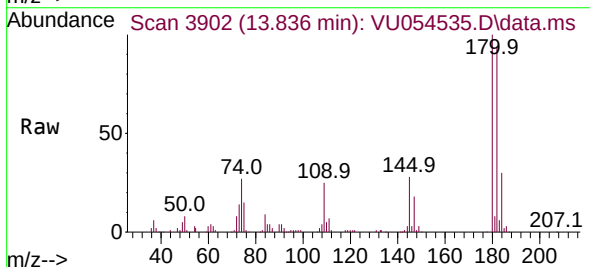
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MSD

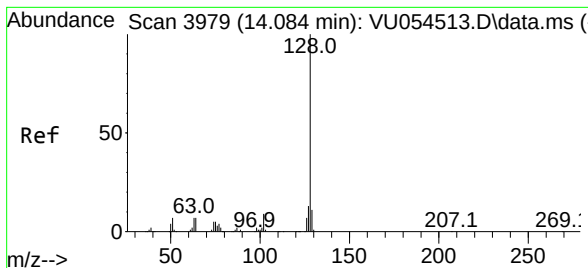
Tgt Ion:180 Resp: 200848
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.0 112.6
 184 31.0 24.1 36.1
 145 28.9 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.343 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU054535.D
 Acq: 15 Jun 2023 18:50

Tgt Ion:180 Resp: 168844
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 114.8
 145 28.8 24.0 36.0





#71

Naphthalene

Concen: 5.244 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MSD

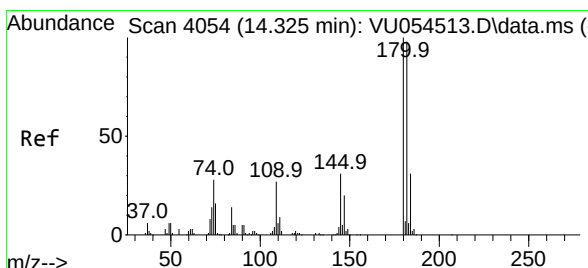
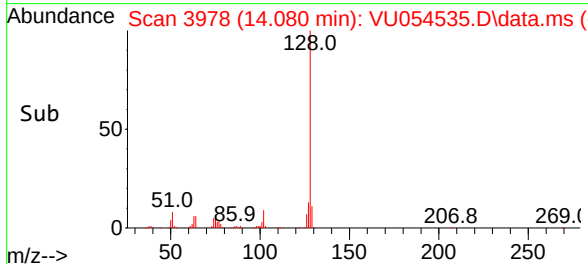
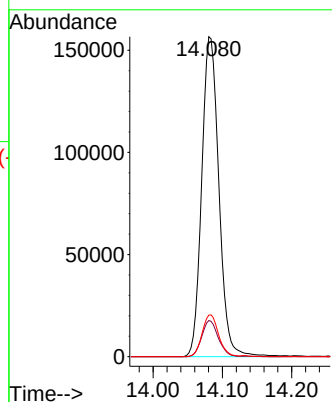
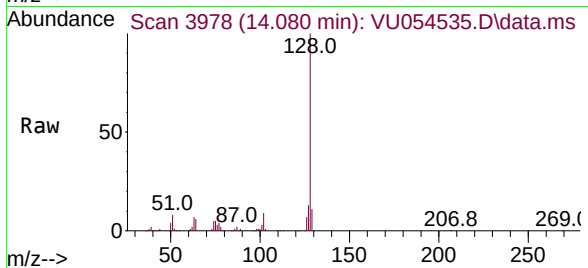
Tgt Ion:128 Resp: 269452

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.6 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.518 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU054535.D

Acq: 15 Jun 2023 18:50

Tgt Ion:180 Resp: 149809

Ion Ratio Lower Upper

180 100

182 93.8 75.4 113.2

145 31.3 26.0 39.0

