

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054534.D
 Acq On : 15 Jun 2023 18:25
 Operator : MD/SY
 Sample : 03253-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MS

Quant Time: Jun 16 01:33:22 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	288367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	276284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63632	3.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.914	69	77227	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.566	65	29309	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.627	46	245198	47.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.040%
24) Chloroform-d	5.058	84	177323	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	85956	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.724	84	336610	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.685	67	116004	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	291817	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	36570	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.630	63	168037	44.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85896	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	114505	4.600	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	115188	4.275	ug/L	97
3) Chloromethane	1.518	50	135895	4.390	ug/L	100
5) Vinyl chloride	1.602	62	213365	6.716	ug/L	99
6) Bromomethane	1.859	94	80770	4.624	ug/L	99
8) Chloroethane	1.933	64	93919	4.932	ug/L	95
9) Trichlorofluoromethane	2.136	101	185060	4.738	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	107637	4.711	ug/L	97
12) 1,1-Dichloroethene	2.579	96	107122	5.122	ug/L	98
13) Acetone	2.640	43	168876	34.712	ug/L	96
14) Carbon disulfide	2.792	76	270005	4.353	ug/L	99
15) Methyl Acetate	2.955	43	37805	4.193	ug/L	100
16) Methylene chloride	3.042	84	114199	3.883	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	251750	4.876	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	109252	5.059	ug/L	99
19) 1,1-Dichloroethane	3.865	63	792637	17.736	ug/L	99
21) 2-Butanone	4.708	43	283354	44.878	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	791349	32.180	ug/L	96
23) Bromochloromethane	4.971	128	51256	5.009	ug/L	92
25) Chloroform	5.084	83	218030	4.949	ug/L	96

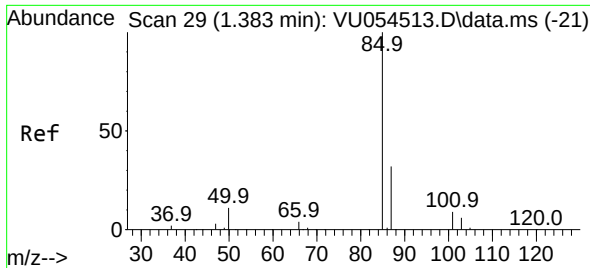
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125900	4.875	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	384844	10.272	ug/L	99
30) Cyclohexane	5.383	56	176283	4.320	ug/L	97
31) Carbon tetrachloride	5.521	117	155200	4.808	ug/L	99
33) Benzene	5.769	78	470603	4.739	ug/L	100
34) Trichloroethene	6.537	95	122722	4.674	ug/L	97
35) Methylcyclohexane	6.759	83	170290	4.291	ug/L	100
37) 1,2-Dichloropropane	6.788	63	126935	4.728	ug/L	99
38) Bromodichloromethane	7.100	83	150486	4.952	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	173615	4.737	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	684267	47.760	ug/L	100
42) Toluene	7.965	91	509940	4.987	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	143292	4.817	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	87206	5.106	ug/L	97
47) Tetrachloroethene	8.550	164	96849	4.819	ug/L	98
48) 2-Hexanone	8.679	43	501673	46.993	ug/L	100
49) Dibromochloromethane	8.804	129	93815	5.231	ug/L	97
50) 1,2-Dibromoethane	8.920	107	78072	4.979	ug/L	98
51) Chlorobenzene	9.444	112	308648	4.842	ug/L	98
52) Ethylbenzene	9.566	91	531649	4.761	ug/L	99
53) m,p-Xylene	9.692	106	203335	4.956	ug/L	98
54) o-Xylene	10.097	106	200009	5.041	ug/L	98
55) Styrene	10.110	104	332201	4.989	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	104949	4.838	ug/L	98
59) Bromoform	10.286	173	56011	5.286	ug/L	99
60) Isopropylbenzene	10.479	105	532440	4.931	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	73032	4.896	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	427068	4.848	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	442857	4.950	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	261498	5.182	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	258767	5.109	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	236278	5.090	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	16275	4.965	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	194677	5.113	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	165205	5.247	ug/L	100
71) Naphthalene	14.084	128	258631	5.051	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	145874	5.393	ug/L	98

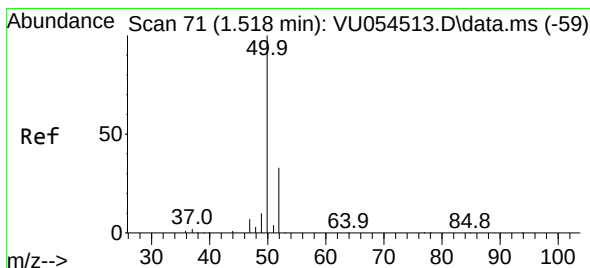
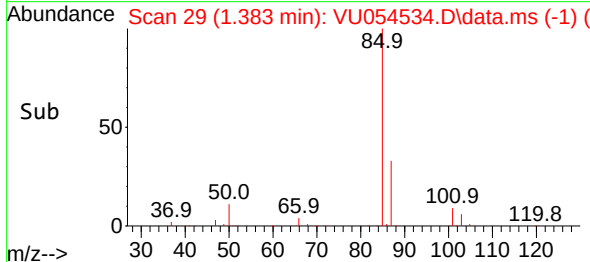
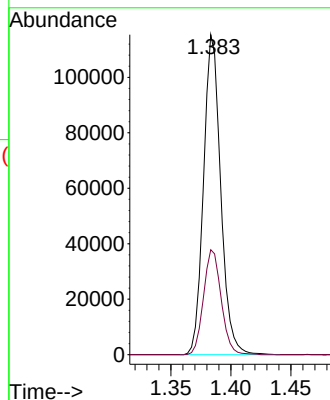
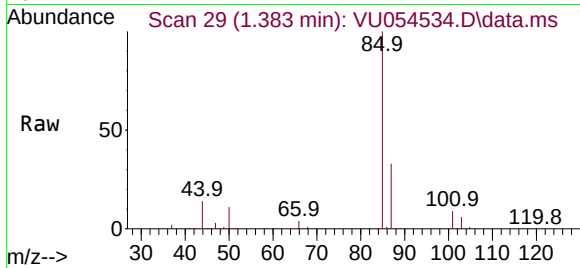
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#2
 Dichlorodifluoromethane
 Concen: 4.275 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054534.D
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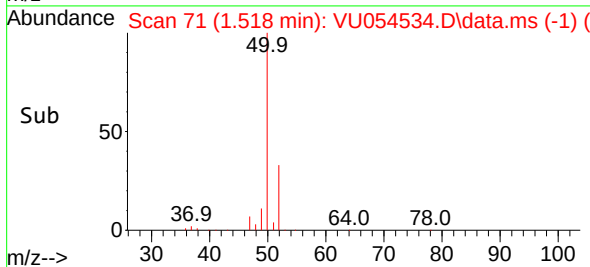
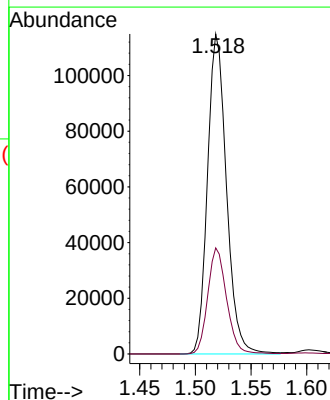
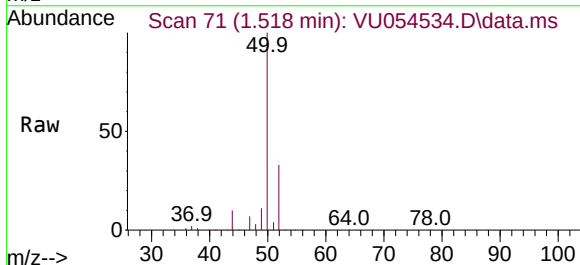
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MS

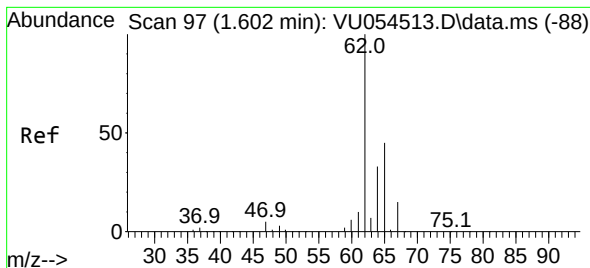
Tgt Ion: 85 Resp: 115188
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.4 38.2



#3
 Chloromethane
 Concen: 4.390 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

Tgt Ion: 50 Resp: 135895
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4

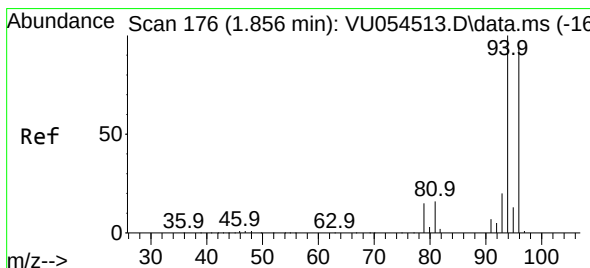
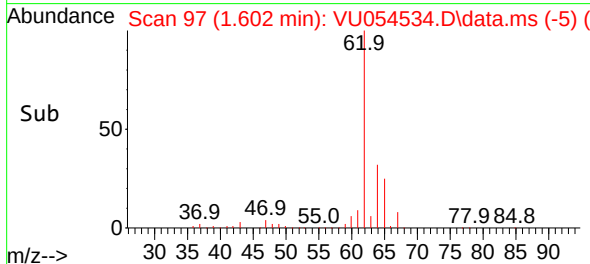
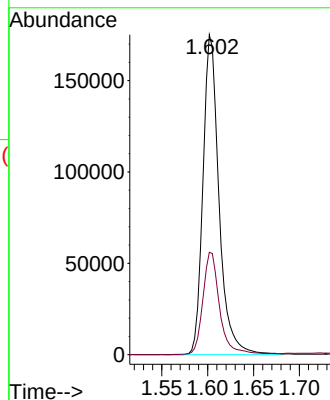
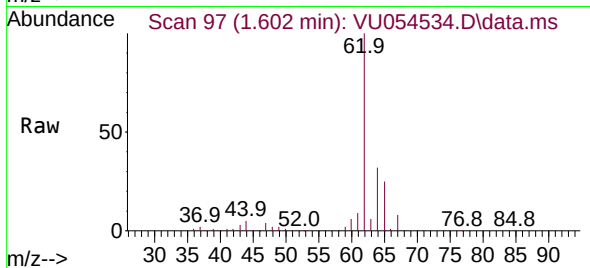




#5
 Vinyl chloride
 Concen: 6.716 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

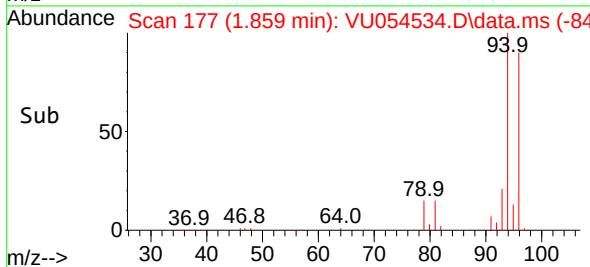
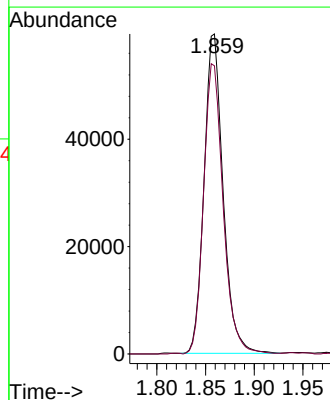
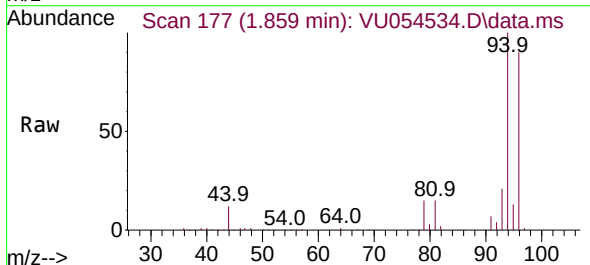
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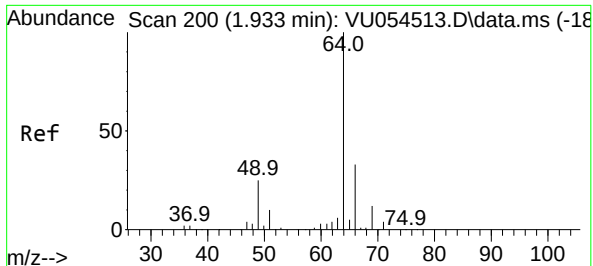
Tgt Ion: 62 Resp: 213365
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.6



#6
 Bromomethane
 Concen: 4.624 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

Tgt Ion: 94 Resp: 80770
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.6 118.2

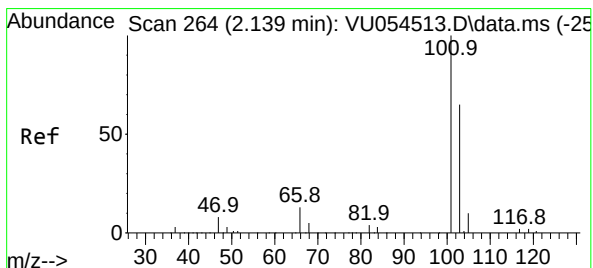
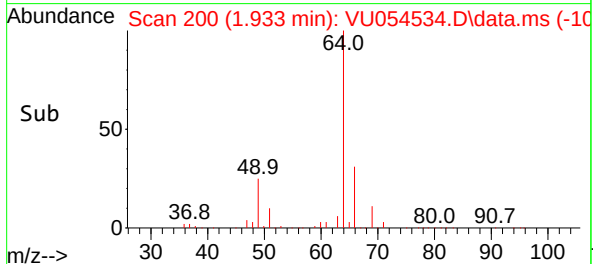
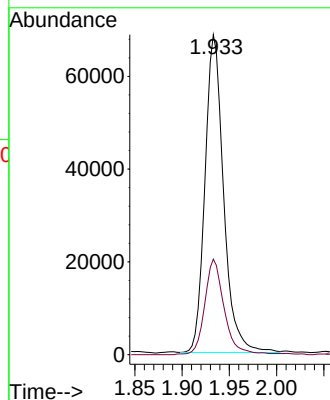
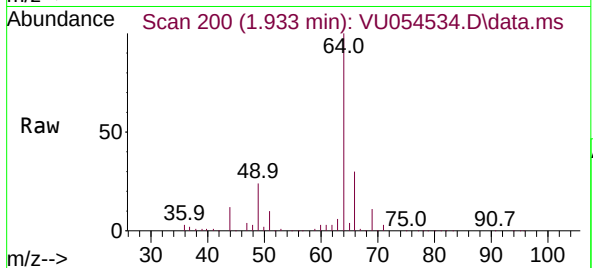




#8
Chloroethane
Concen: 4.932 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

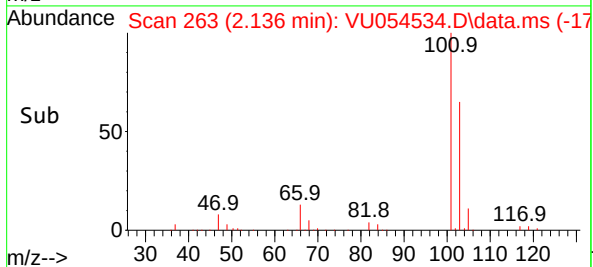
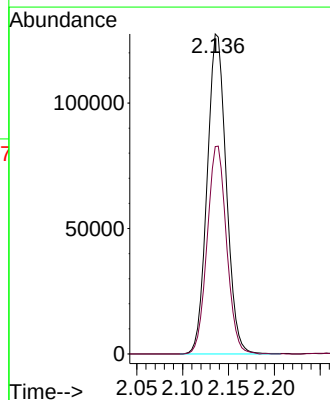
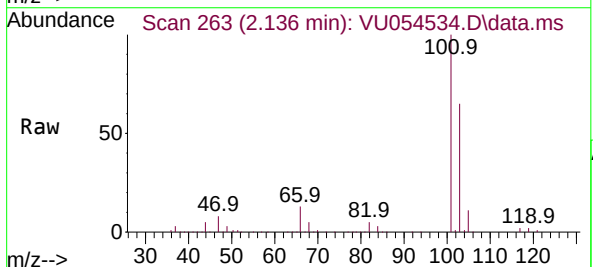
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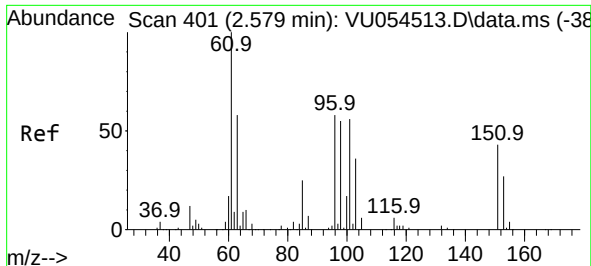
Tgt Ion: 64 Resp: 93919
Ion Ratio Lower Upper
64 100
66 29.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.738 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion:101 Resp: 185060
Ion Ratio Lower Upper
101 100
103 65.7 50.6 75.8

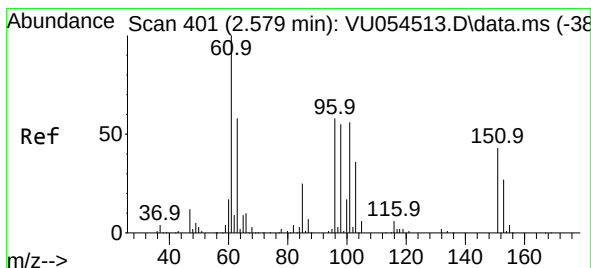
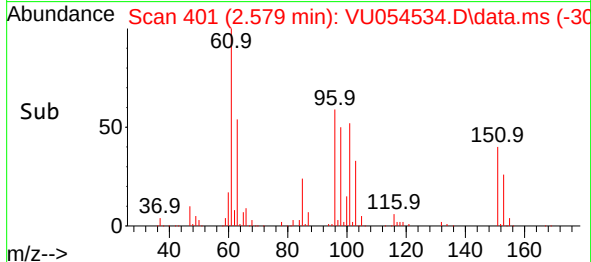
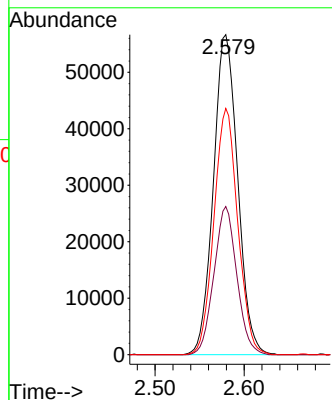
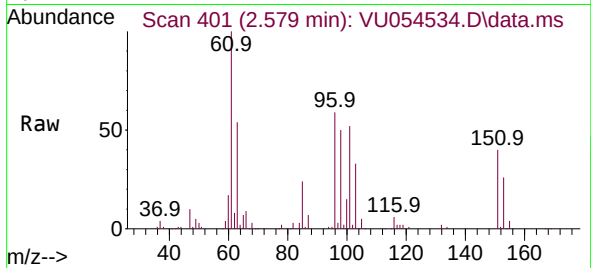




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.711 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

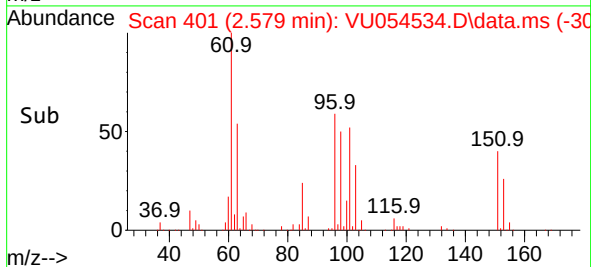
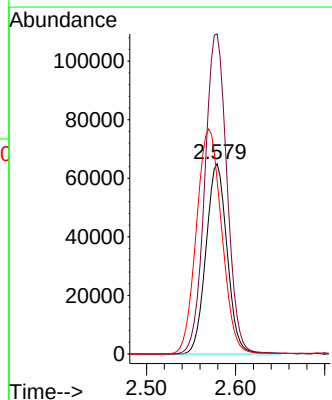
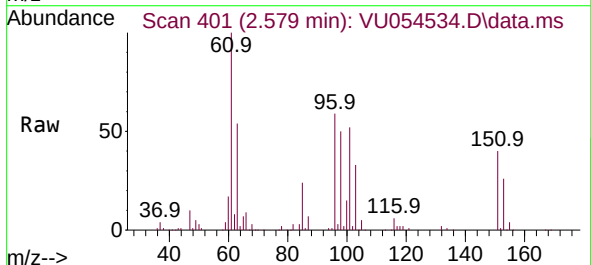
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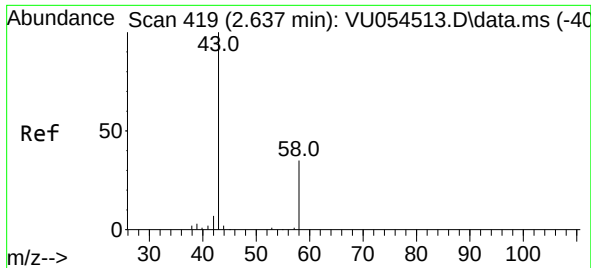
Tgt Ion:101 Resp: 107637
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.6 51.8
 151 75.5 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 5.122 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

Tgt Ion: 96 Resp: 107122
 Ion Ratio Lower Upper
 96 100
 61 168.1 119.9 222.7
 63 91.2 64.3 119.3





#13

Acetone

Concen: 34.712 ug/L

RT: 2.640 min Scan# 419

Delta R.T. -0.010 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

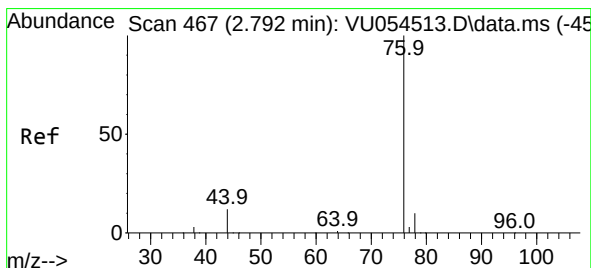
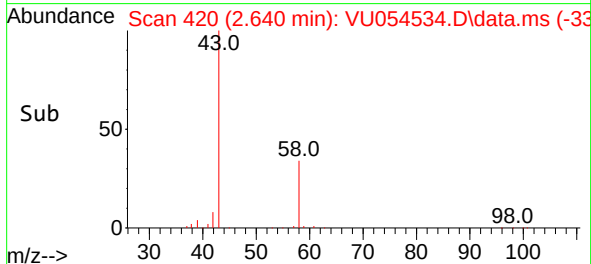
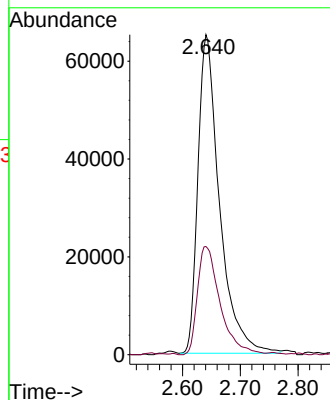
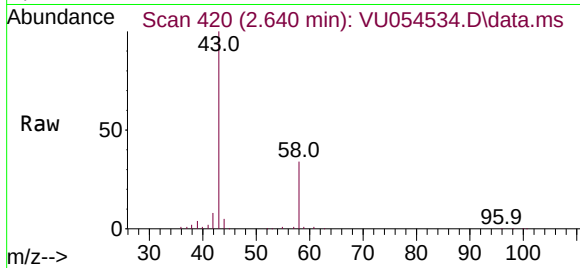
EXYY0MS

Tgt Ion: 43 Resp: 168876

Ion Ratio Lower Upper

43 100

58 35.8 0.0 67.2



#14

Carbon disulfide

Concen: 4.353 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054534.D

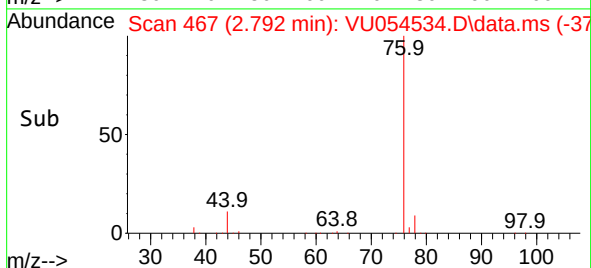
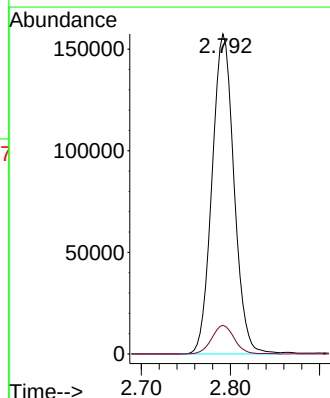
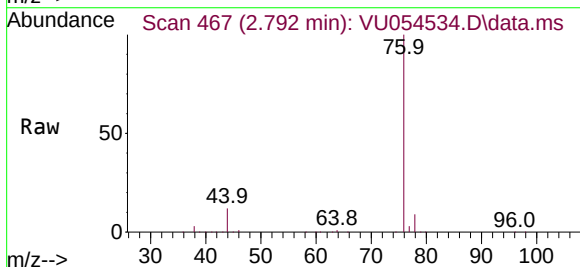
Acq: 15 Jun 2023 18:25

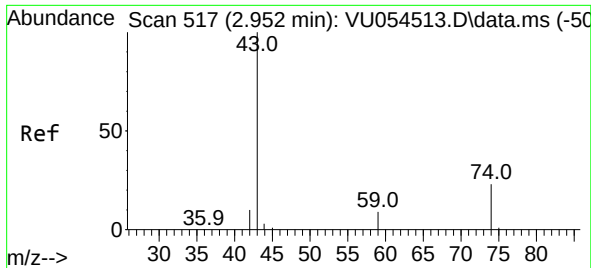
Tgt Ion: 76 Resp: 270005

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

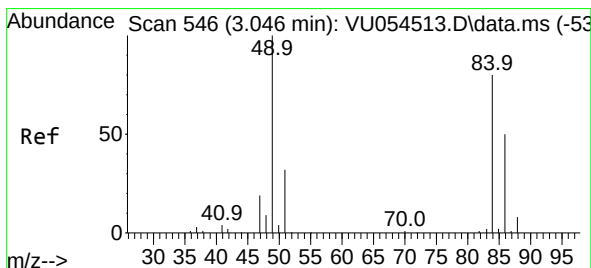
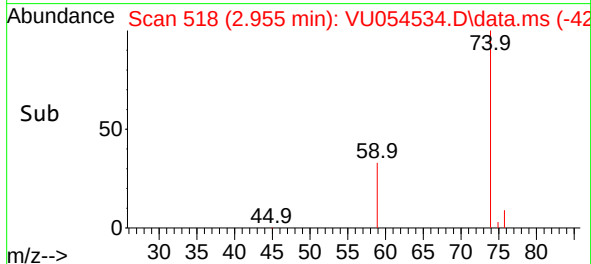
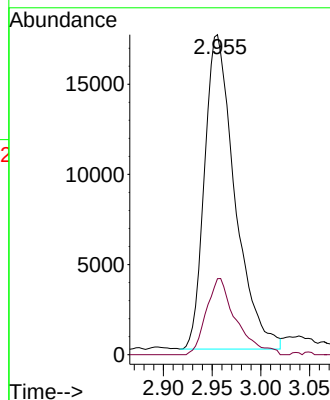
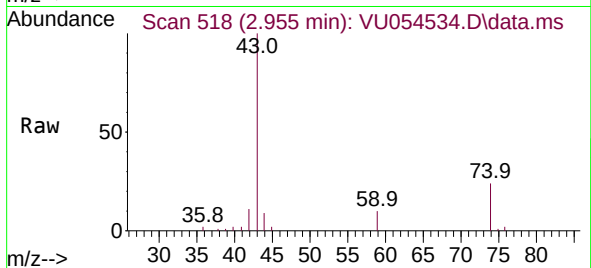




#15
Methyl Acetate
Concen: 4.193 ug/L
RT: 2.955 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

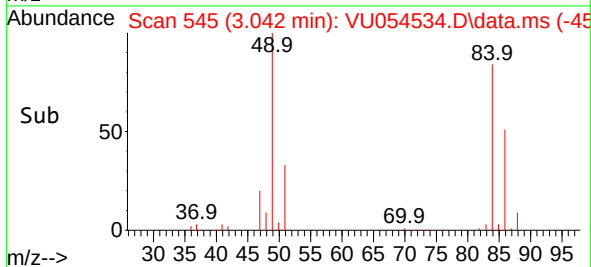
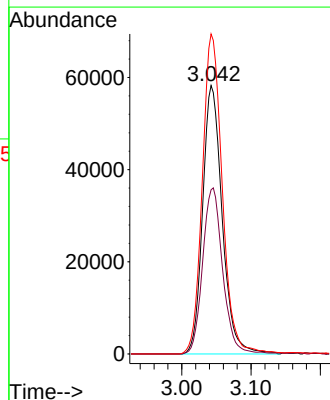
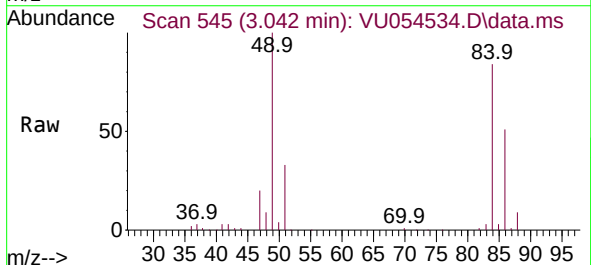
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

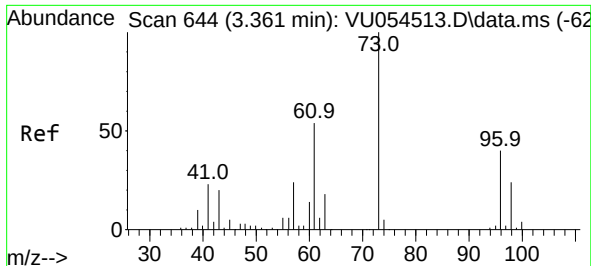
Tgt Ion: 43 Resp: 37805
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6



#16
Methylene chloride
Concen: 3.883 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 84 Resp: 114199
Ion Ratio Lower Upper
84 100
86 61.1 43.9 81.5
49 119.2 86.1 159.9





#17

Methyl tert-butyl Ether

Concen: 4.876 ug/L

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MS

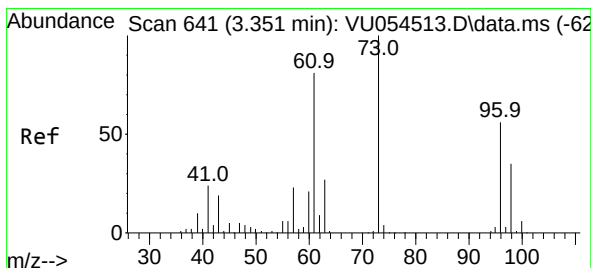
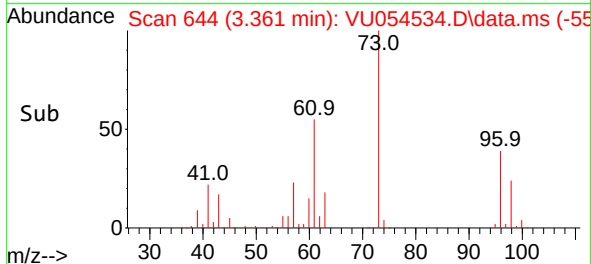
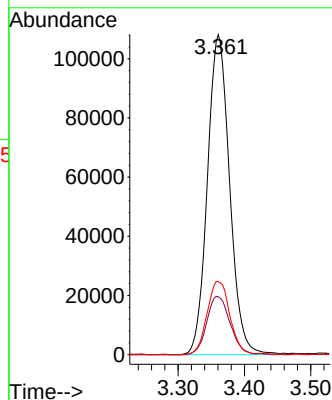
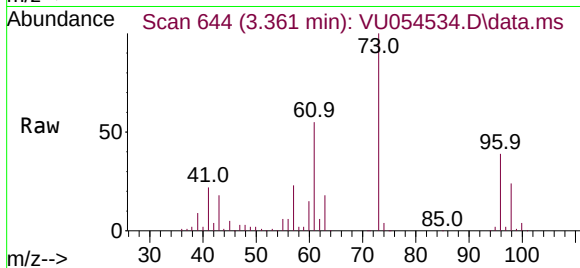
Tgt Ion: 73 Resp: 251750

Ion Ratio Lower Upper

73 100

43 19.2 15.7 23.5

57 23.4 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 5.059 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

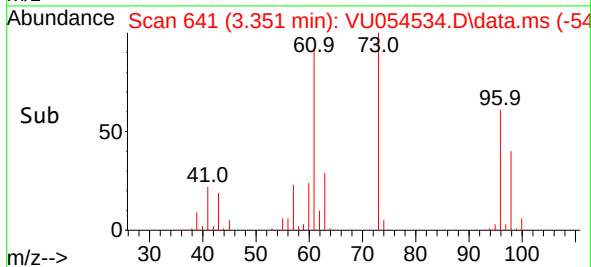
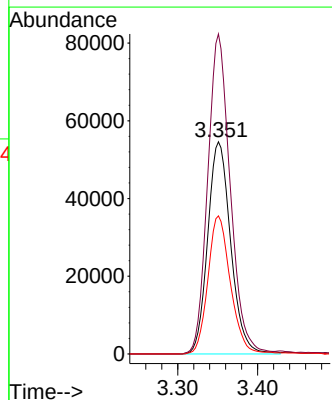
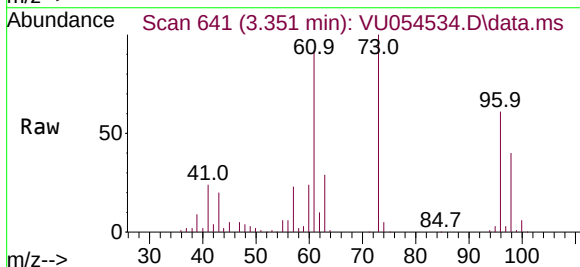
Tgt Ion: 96 Resp: 109252

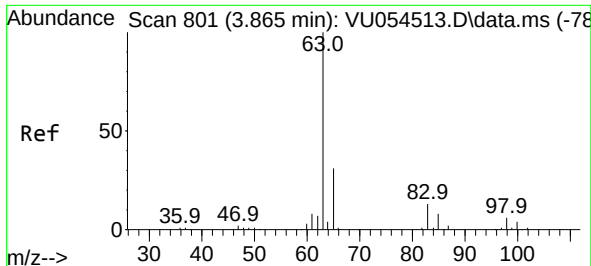
Ion Ratio Lower Upper

96 100

61 150.8 104.6 194.2

98 65.1 45.4 84.4





#19

1,1-Dichloroethane

Concen: 17.736 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MS

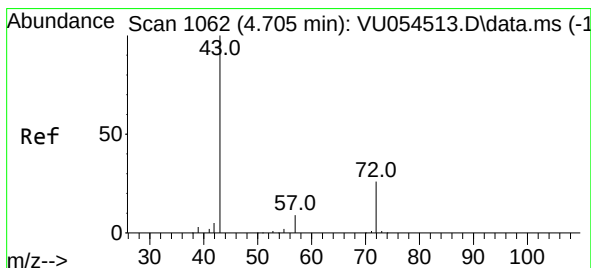
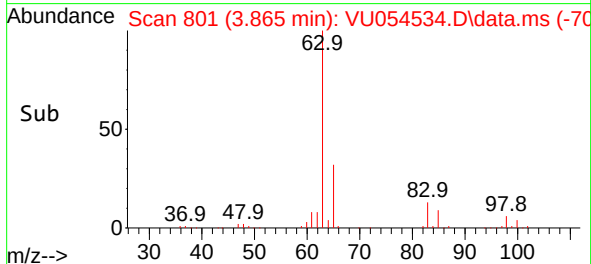
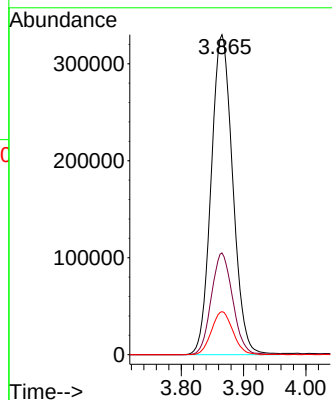
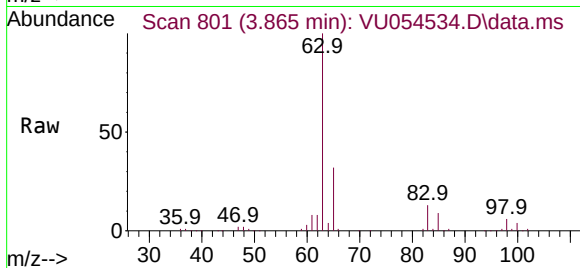
Tgt Ion: 63 Resp: 792637

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 13.5 9.0 16.6



#21

2-Butanone

Concen: 44.878 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU054534.D

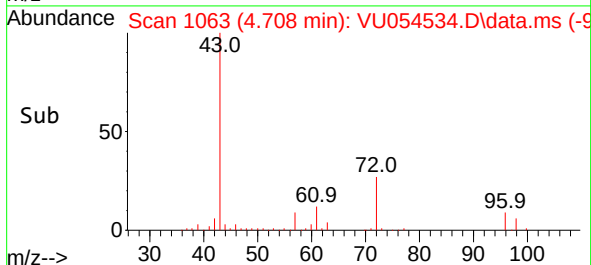
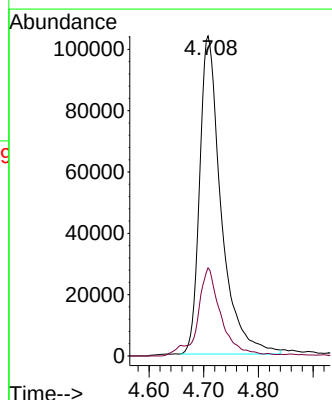
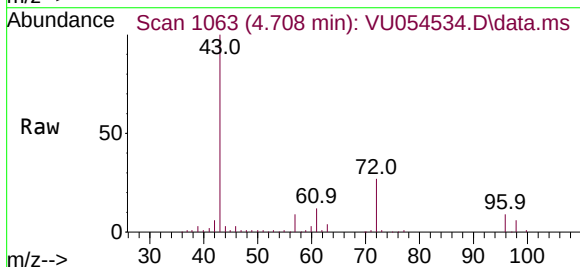
Acq: 15 Jun 2023 18:25

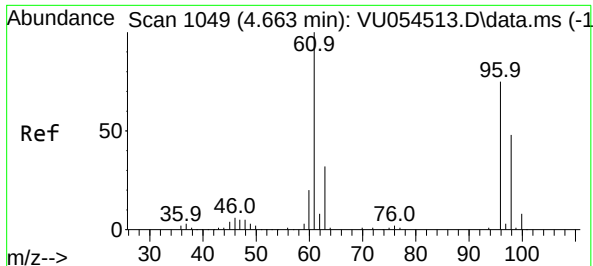
Tgt Ion: 43 Resp: 283354

Ion Ratio Lower Upper

43 100

72 26.6 13.4 40.1

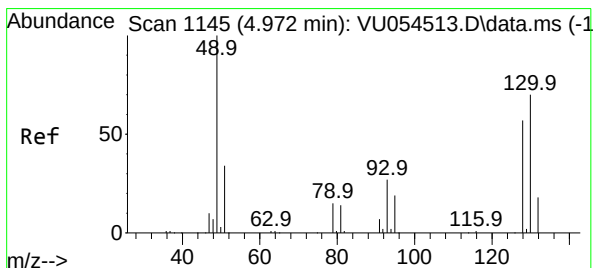
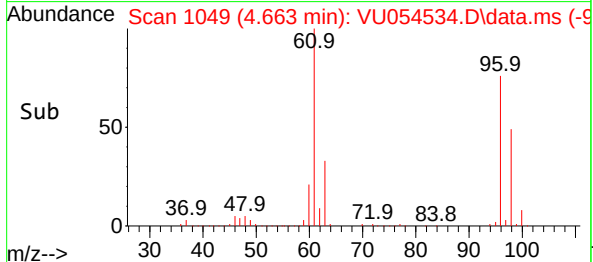
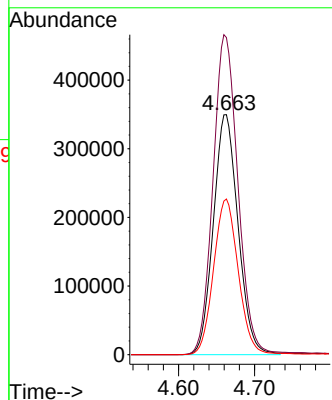
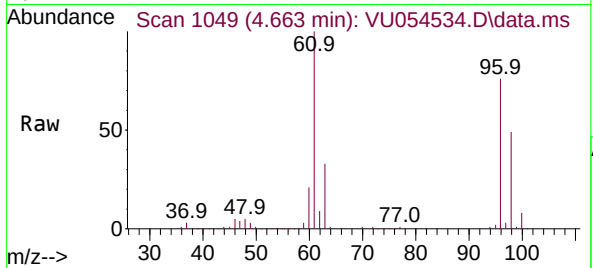




#22
 cis-1,2-Dichloroethene
 Concen: 32.180 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

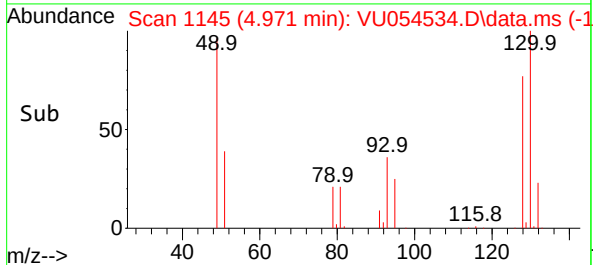
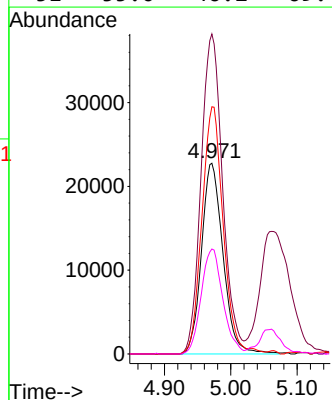
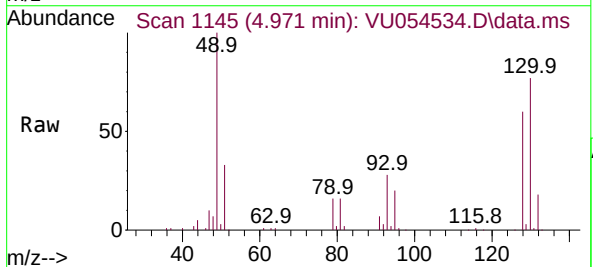
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MS

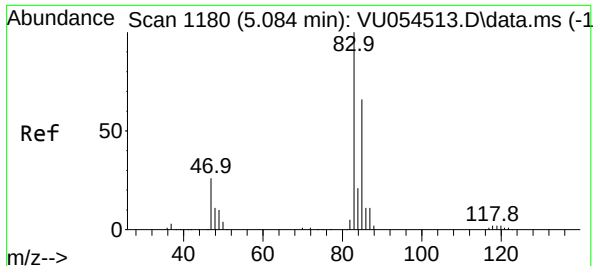
Tgt Ion: 96 Resp: 791349
 Ion Ratio Lower Upper
 96 100
 61 132.1 96.5 179.1
 98 64.9 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.009 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU054534.D
 Acq: 15 Jun 2023 18:25

Tgt Ion: 128 Resp: 51256
 Ion Ratio Lower Upper
 128 100
 49 167.8 132.1 245.3
 130 129.6 91.5 169.9
 51 55.0 46.2 69.4





#25

Chloroform

Concen: 4.949 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

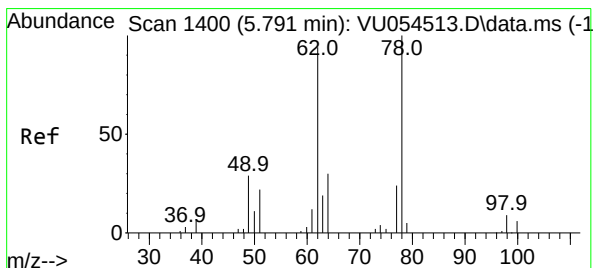
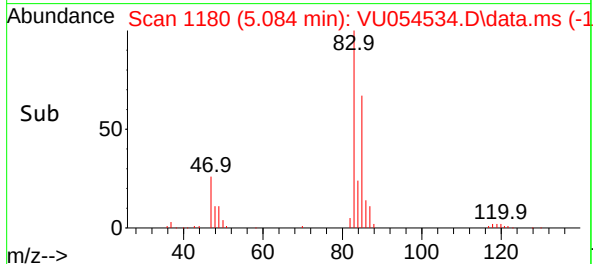
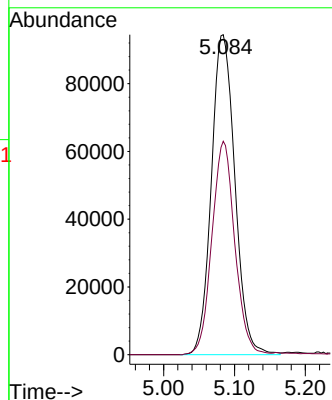
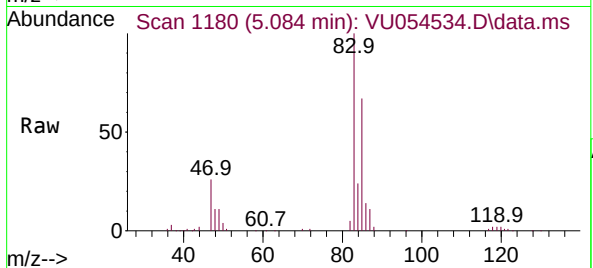
EXYY0MS

Tgt Ion: 83 Resp: 218030

Ion Ratio Lower Upper

83 100

85 66.7 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.875 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU054534.D

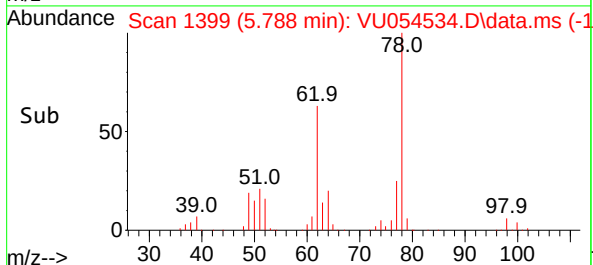
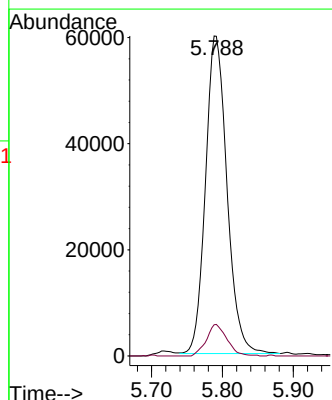
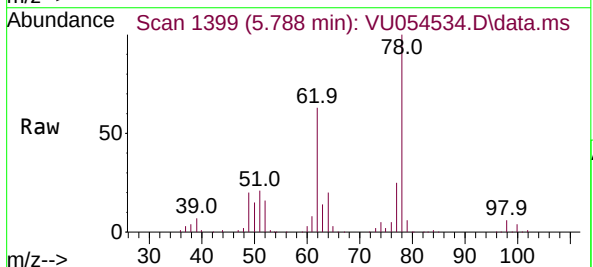
Acq: 15 Jun 2023 18:25

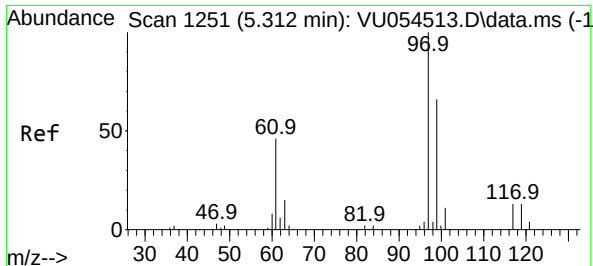
Tgt Ion: 62 Resp: 125900

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6

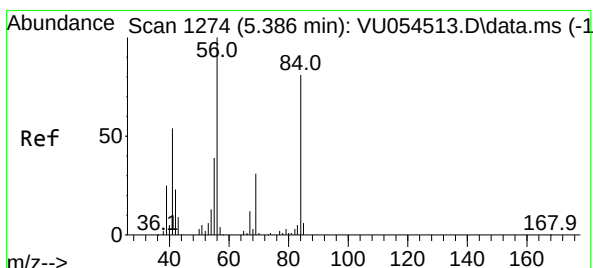
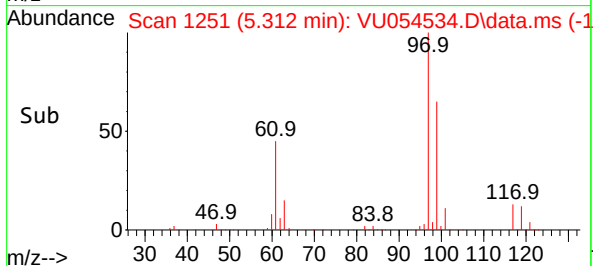
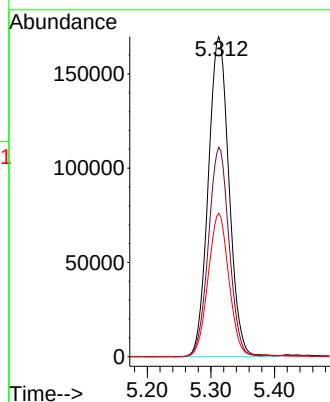
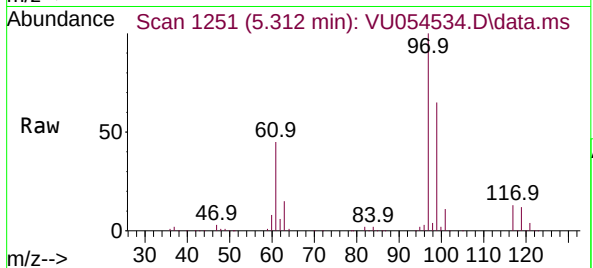




#29
1,1,1-Trichloroethane
Concen: 10.272 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

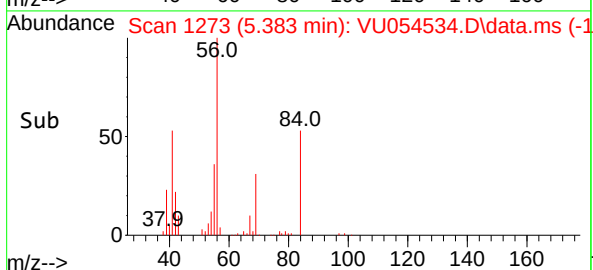
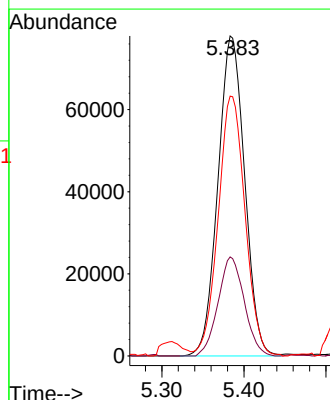
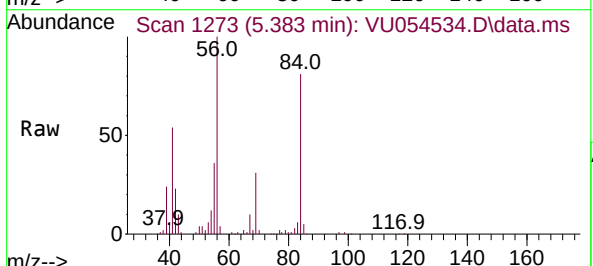
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

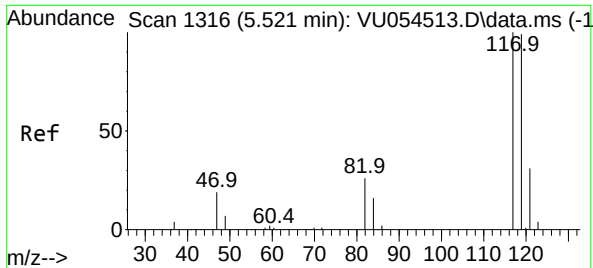
Tgt Ion: 97 Resp: 384844
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 45.0 36.1 54.1



#30
Cyclohexane
Concen: 4.320 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 56 Resp: 176283
Ion Ratio Lower Upper
56 100
69 30.3 23.9 35.9
84 81.7 63.0 94.6

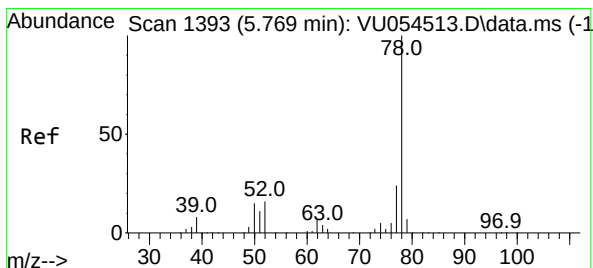
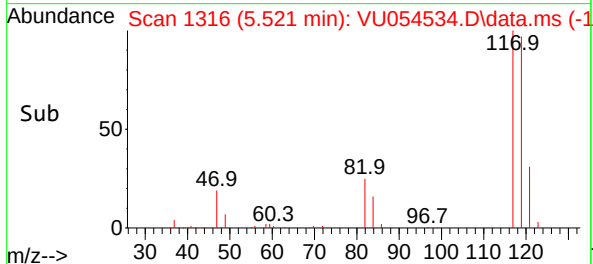
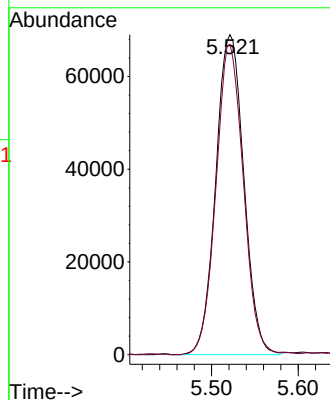
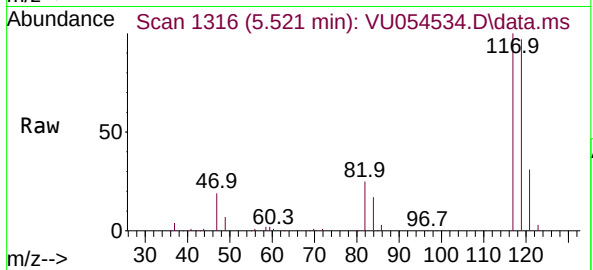




#31
Carbon tetrachloride
Concen: 4.808 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

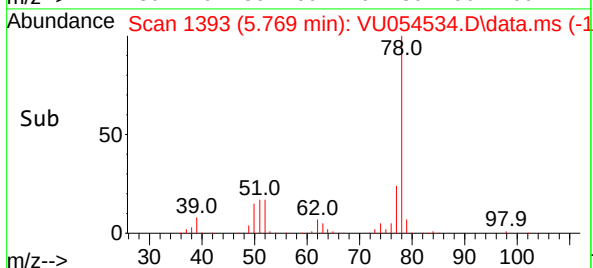
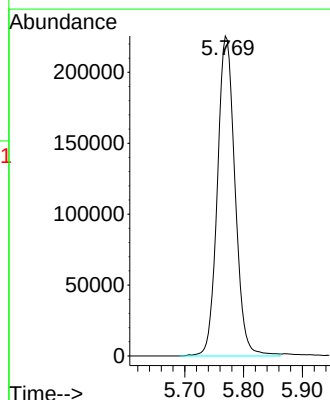
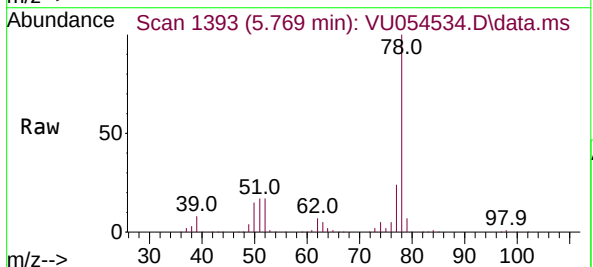
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

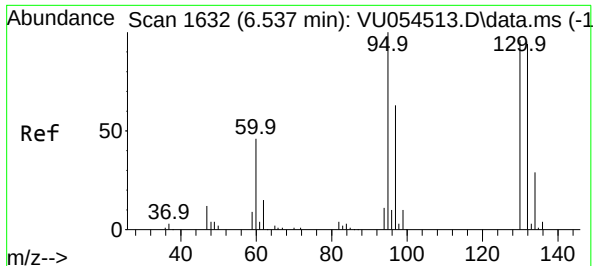
Tgt Ion:117 Resp: 155200
Ion Ratio Lower Upper
117 100
119 94.7 76.8 115.2



#33
Benzene
Concen: 4.739 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 78 Resp: 470603

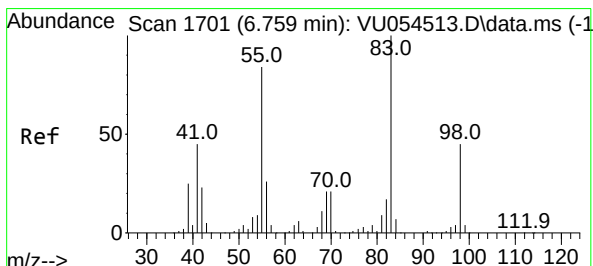
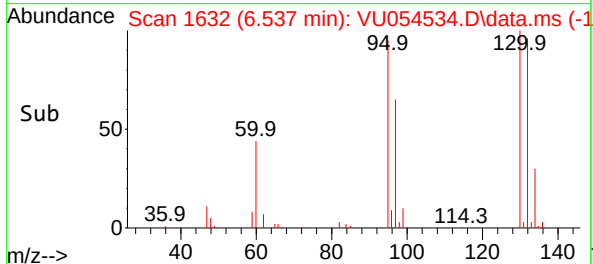
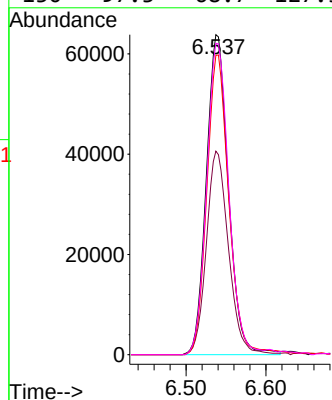
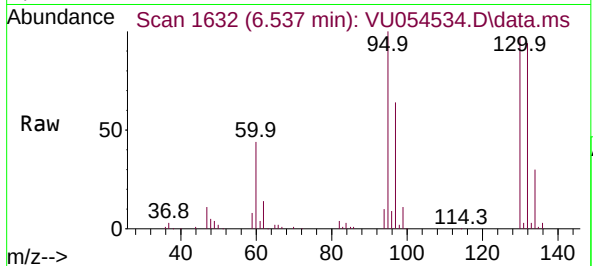




#34
Trichloroethene
Concen: 4.674 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

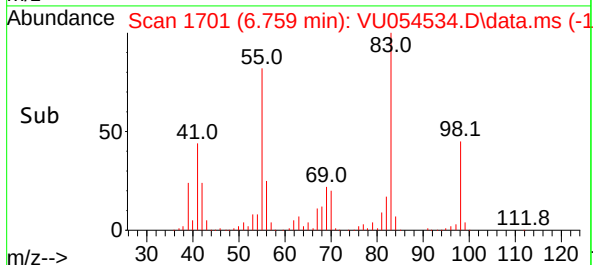
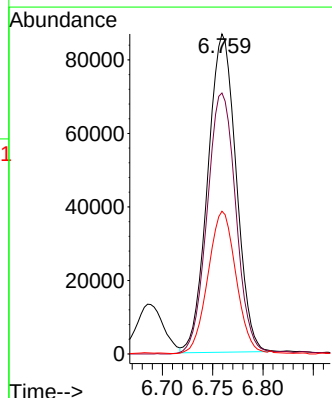
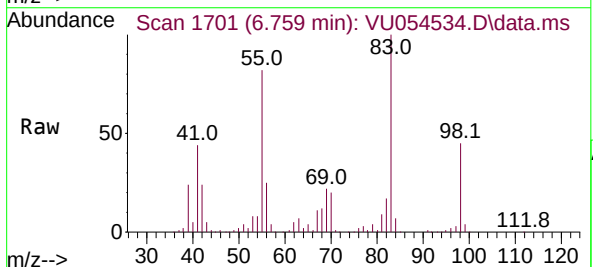
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

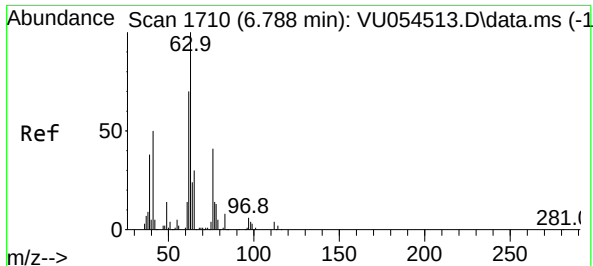
Tgt Ion: 95 Resp: 122722
Ion Ratio Lower Upper
95 100
97 63.6 46.8 87.0
132 93.5 68.4 127.0
130 97.3 68.7 127.5



#35
Methylcyclohexane
Concen: 4.291 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 83 Resp: 170290
Ion Ratio Lower Upper
83 100
55 83.4 67.1 100.7
98 44.0 35.1 52.7

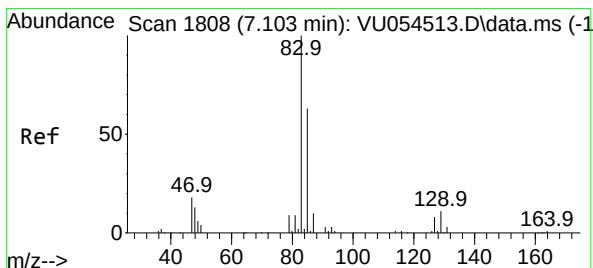
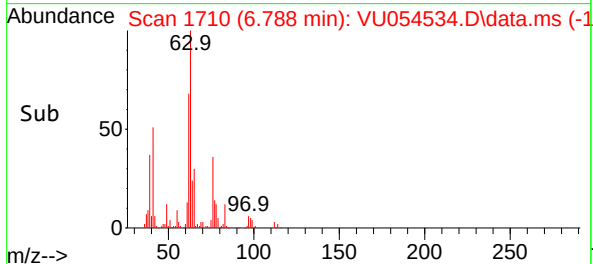
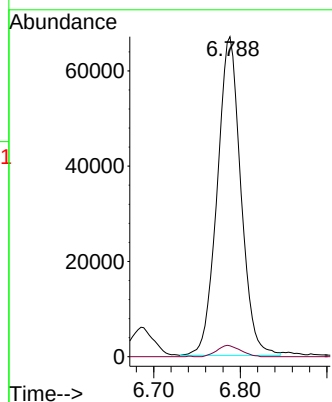
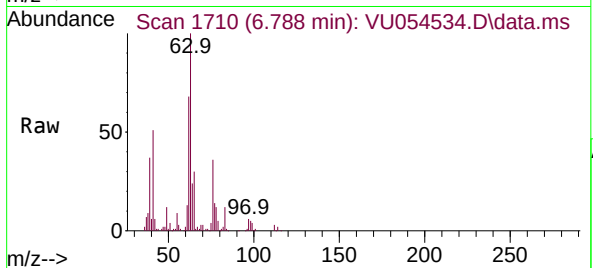




#37
1,2-Dichloropropane
Concen: 4.728 ug/L
RT: 6.788 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

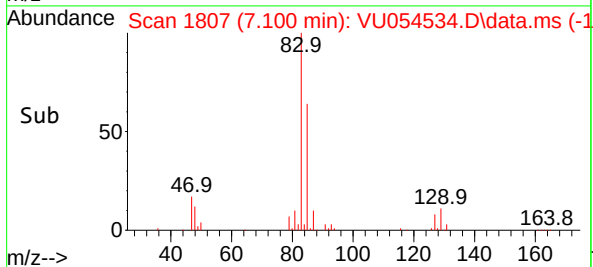
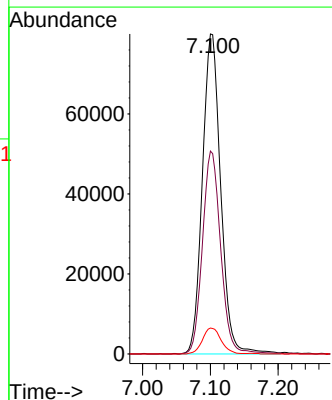
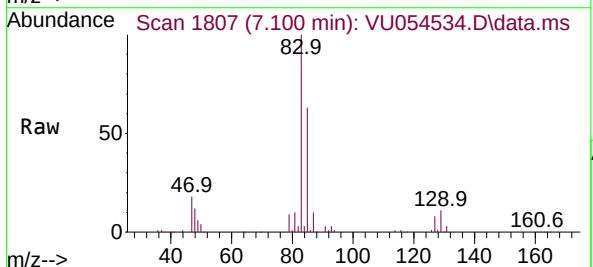
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

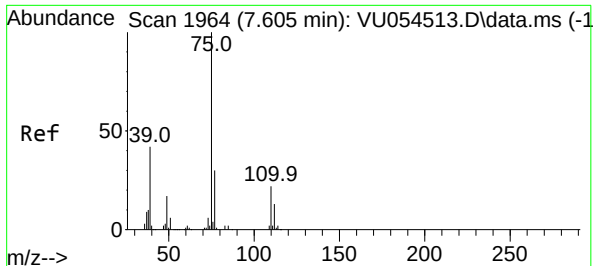
Tgt Ion: 63 Resp: 126935
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6



#38
Bromodichloromethane
Concen: 4.952 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 83 Resp: 150486
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.737 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

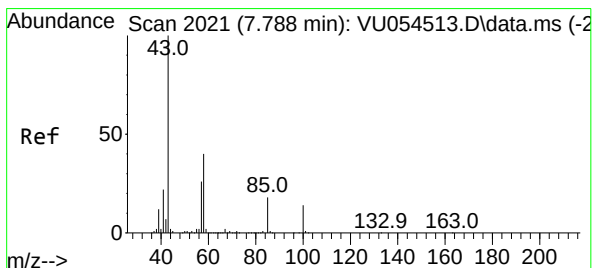
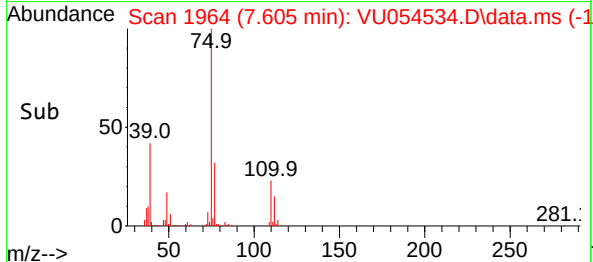
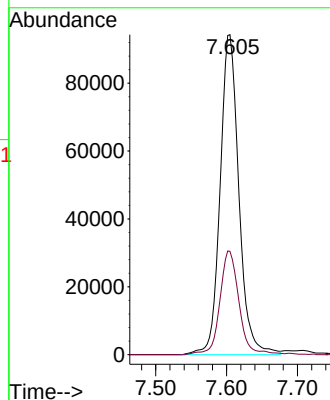
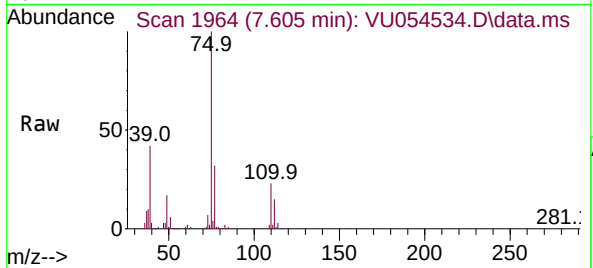
EXYY0MS

Tgt Ion: 75 Resp: 173615

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 47.760 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

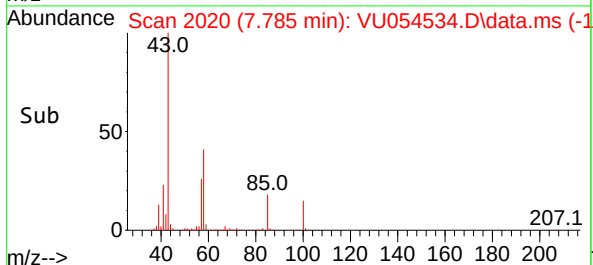
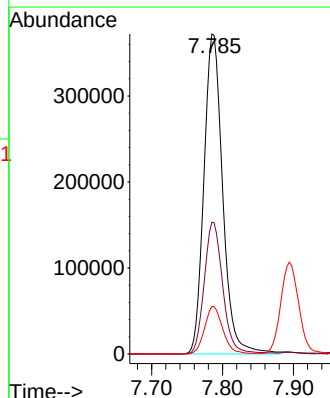
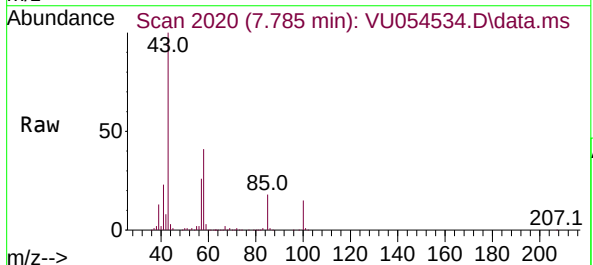
Tgt Ion: 43 Resp: 684267

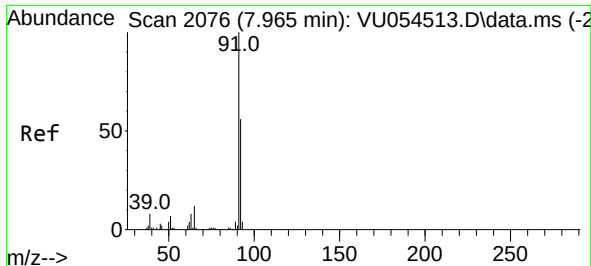
Ion Ratio Lower Upper

43 100

58 40.7 32.4 48.6

100 14.5 11.4 17.2





#42

Toluene

Concen: 4.987 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

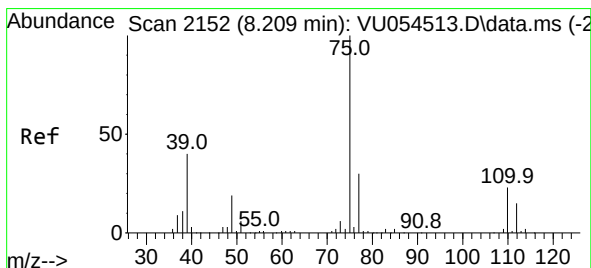
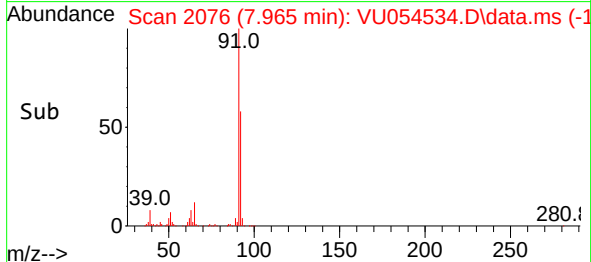
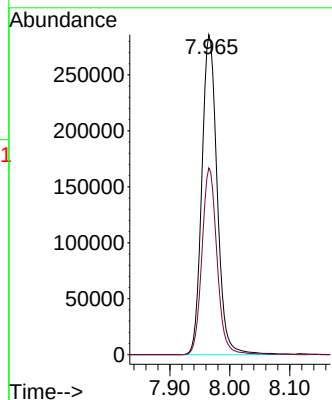
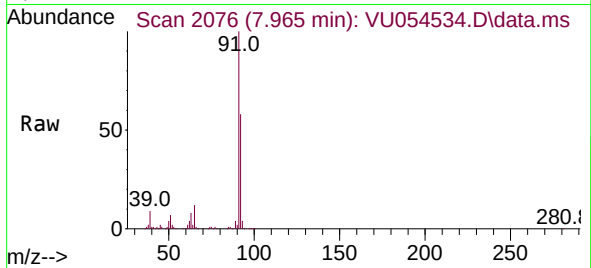
EXYY0MS

Tgt Ion: 91 Resp: 509940

Ion Ratio Lower Upper

91 100

92 58.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.817 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054534.D

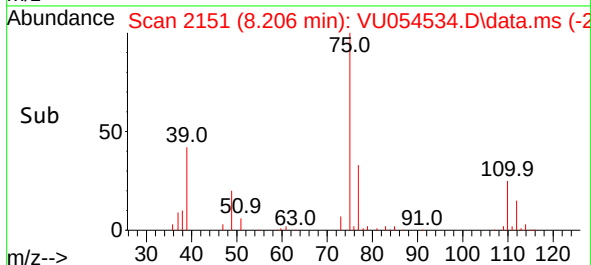
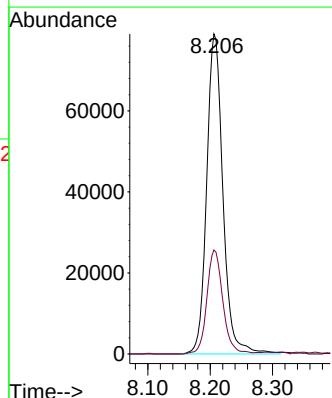
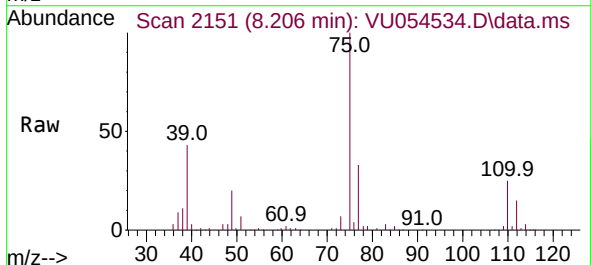
Acq: 15 Jun 2023 18:25

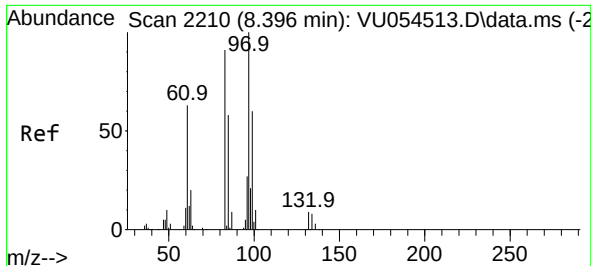
Tgt Ion: 75 Resp: 143292

Ion Ratio Lower Upper

75 100

77 32.5 21.3 39.6

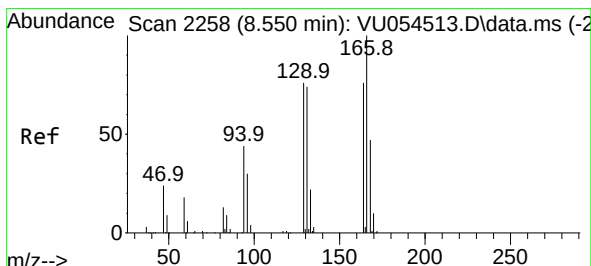
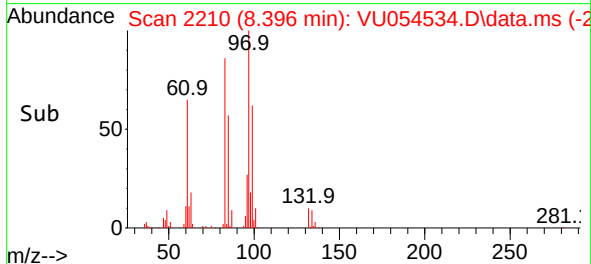
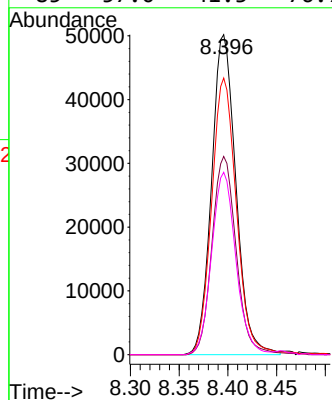
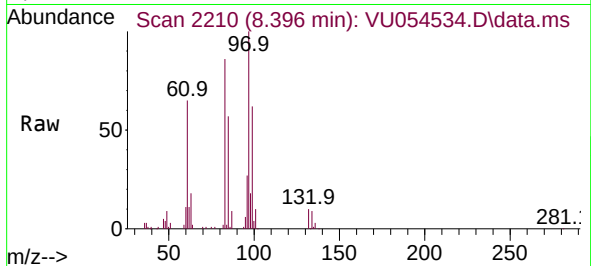




#45
1,1,2-Trichloroethane
Concen: 5.106 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

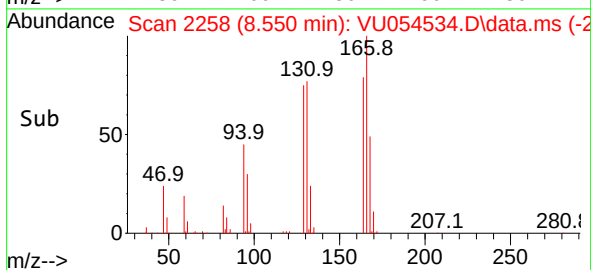
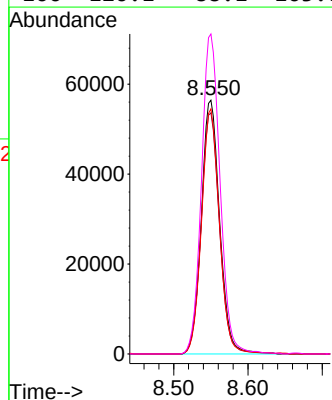
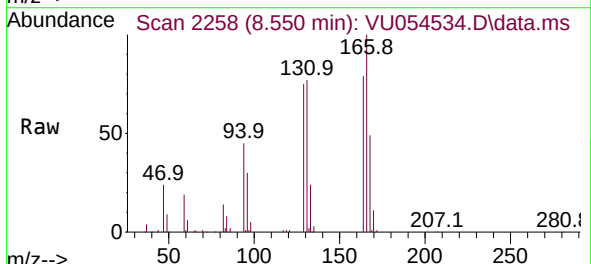
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

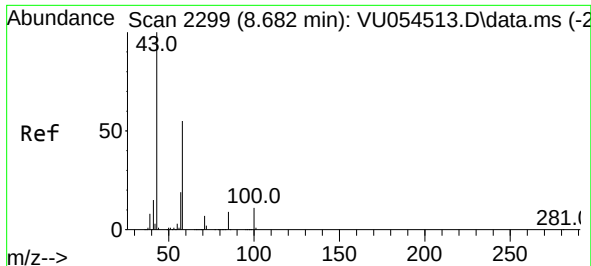
Tgt Ion:	97	Resp:	87206
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.0	80.0
83	86.4	63.8	118.6
85	57.0	41.3	76.7



#47
Tetrachloroethene
Concen: 4.819 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion:	164	Resp:	96849
Ion	Ratio	Lower	Upper
164	100		
129	95.0	67.7	125.7
131	96.6	64.6	120.0
166	126.1	88.1	163.7



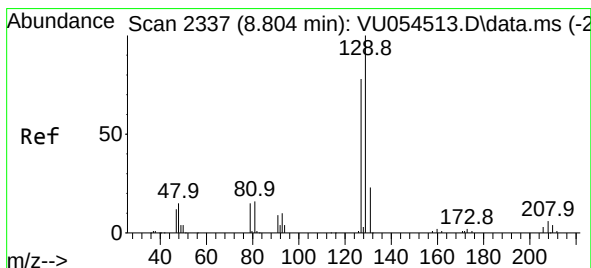
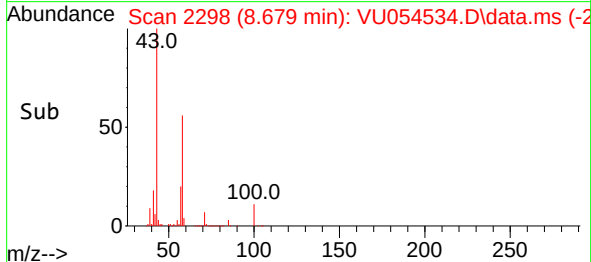
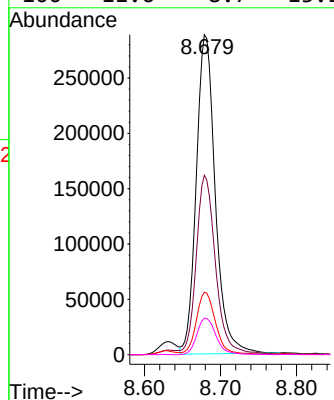
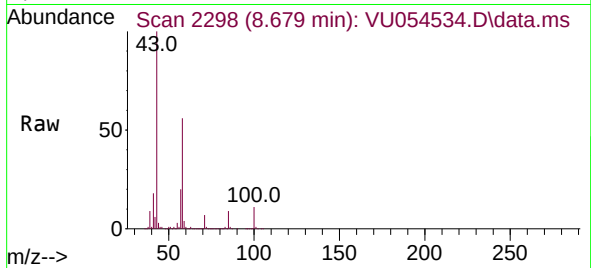


#48
2-Hexanone
Concen: 46.993 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

Tgt Ion: 43 Resp: 501673

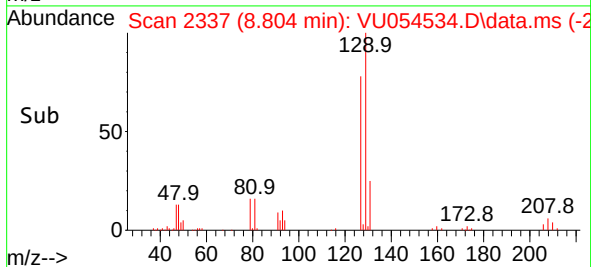
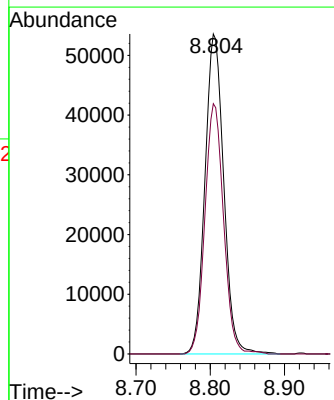
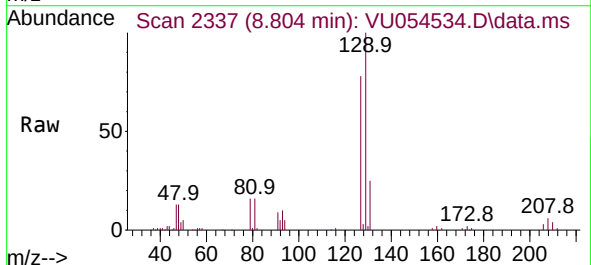
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.2	67.8
57	19.6	15.8	23.6
100	11.6	8.7	13.1

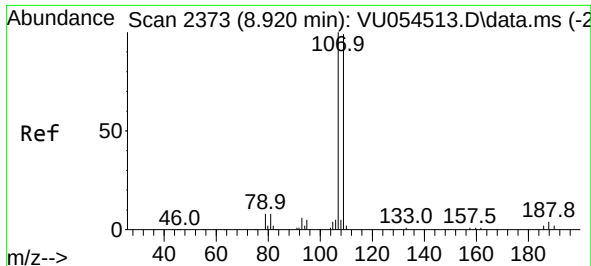


#49
Dibromochloromethane
Concen: 5.231 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 129 Resp: 93815

Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.2	98.8

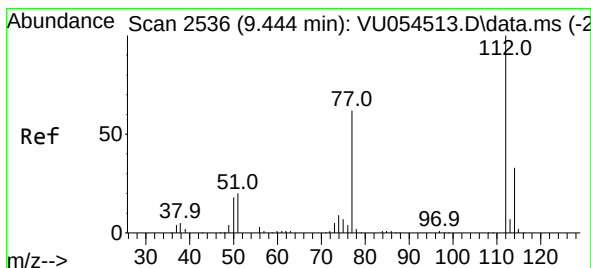
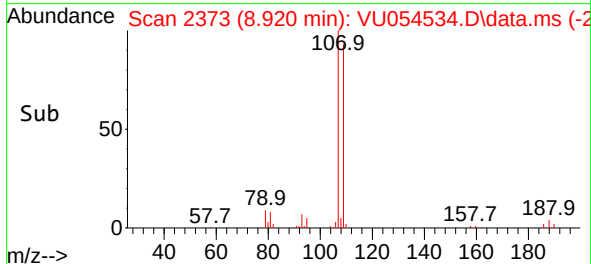
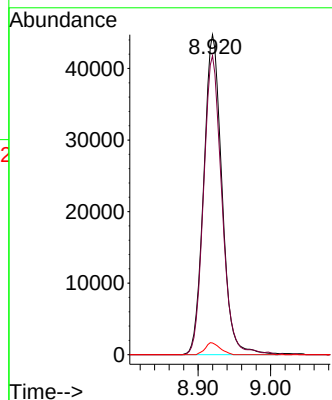
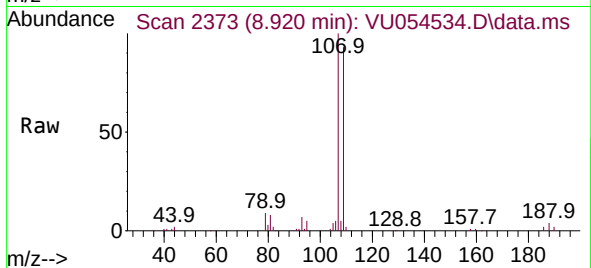




#50
1,2-Dibromoethane
Concen: 4.979 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

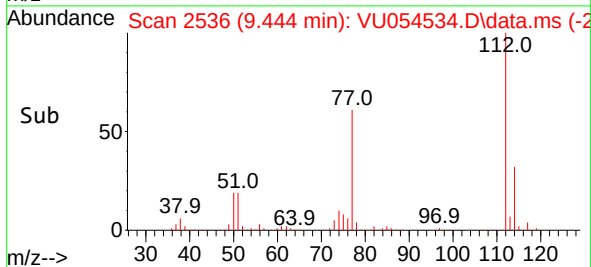
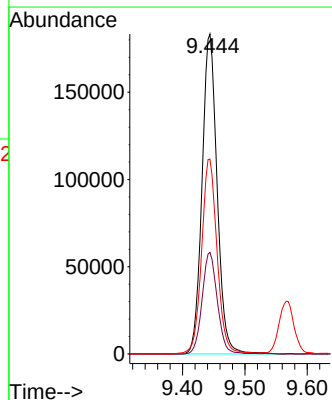
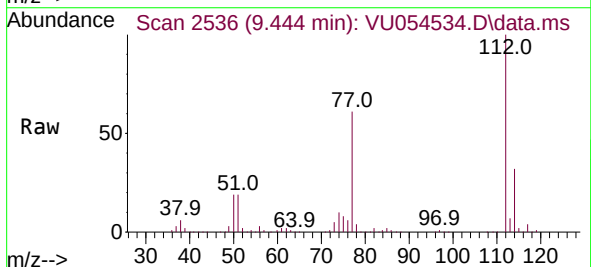
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

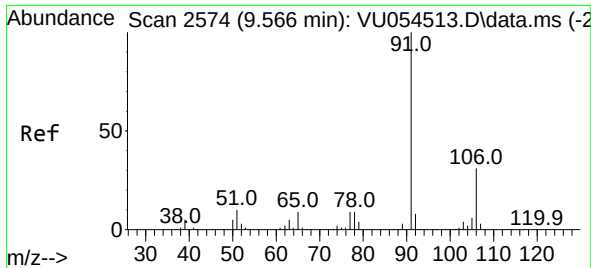
Tgt Ion:107 Resp: 78072
Ion Ratio Lower Upper
107 100
109 93.4 66.6 123.6
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 4.842 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion:112 Resp: 308648
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.1
77 60.9 49.8 74.8

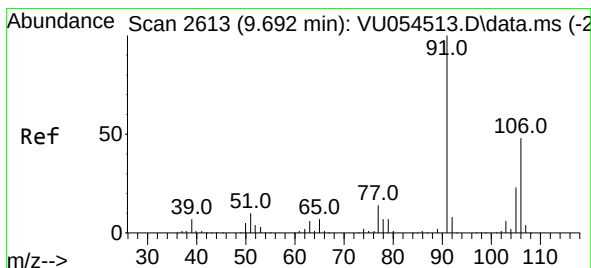
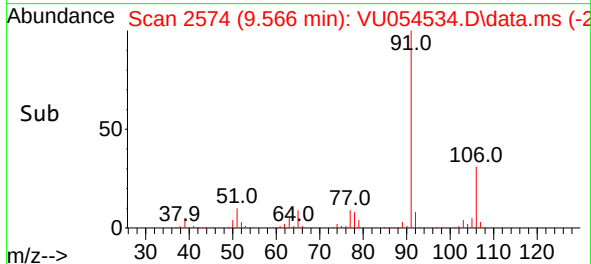
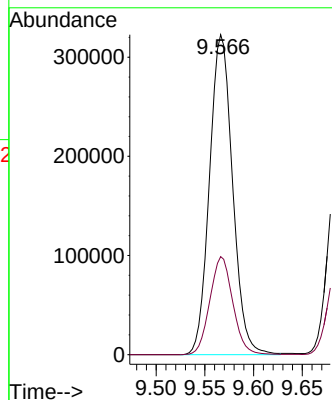
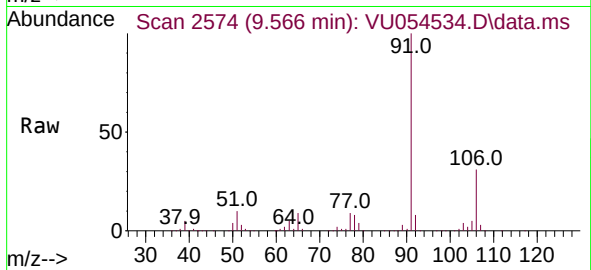




#52
Ethylbenzene
Concen: 4.761 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

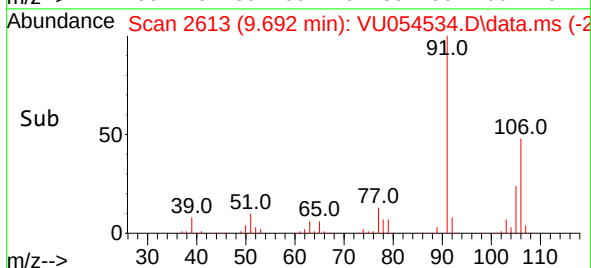
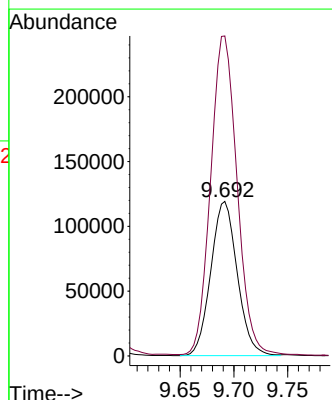
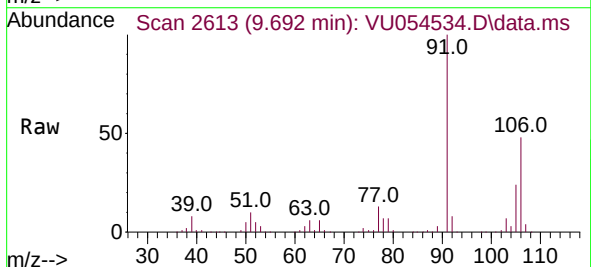
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

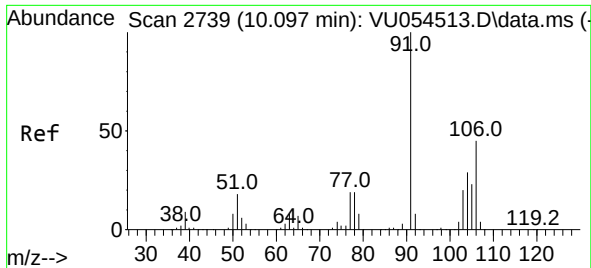
Tgt Ion: 91 Resp: 531649
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3



#53
m,p-Xylene
Concen: 4.956 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 106 Resp: 203335
Ion Ratio Lower Upper
106 100
91 207.1 147.0 273.0

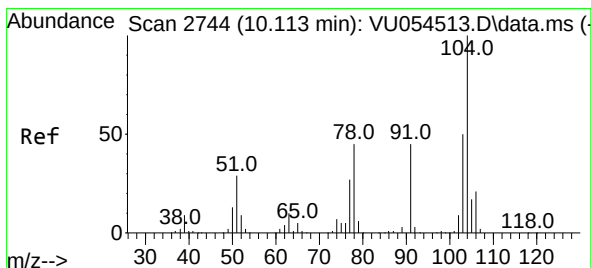
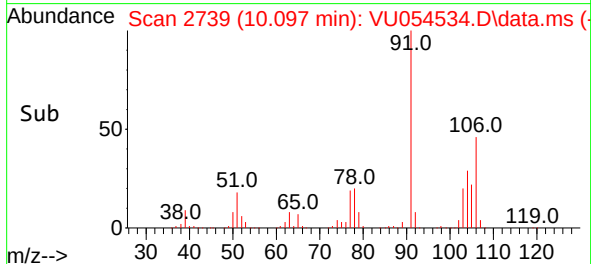
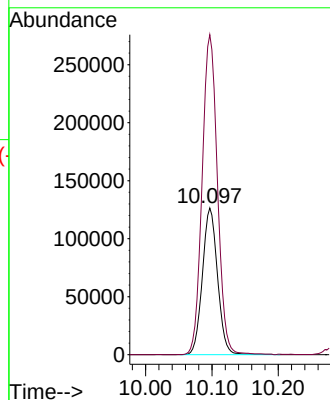
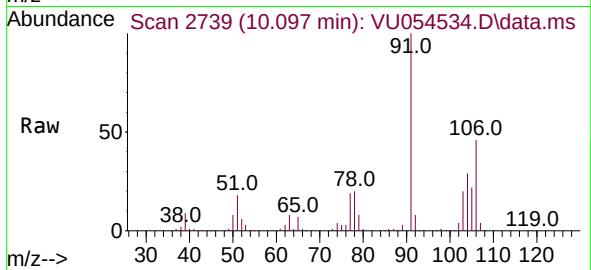




#54
o-Xylene
Concen: 5.041 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

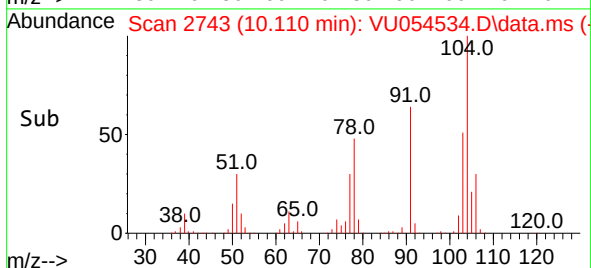
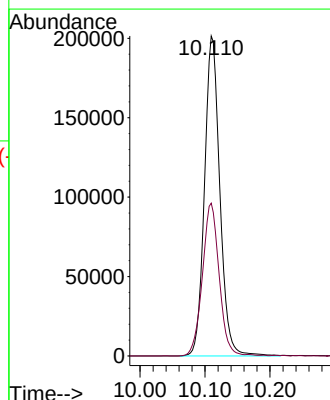
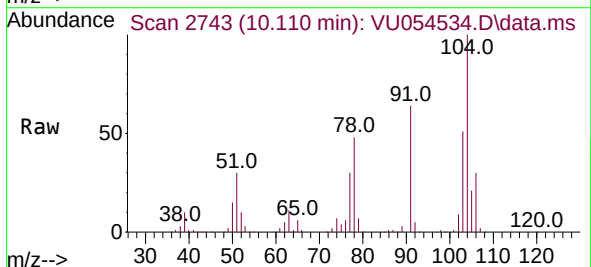
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

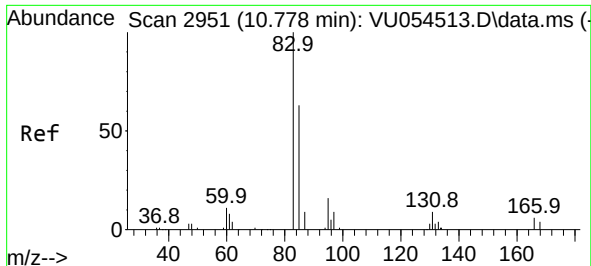
Tgt Ion:106 Resp: 200009
Ion Ratio Lower Upper
106 100
91 218.1 154.5 286.9



#55
Styrene
Concen: 4.989 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion:104 Resp: 332201
Ion Ratio Lower Upper
104 100
78 47.8 33.0 61.4

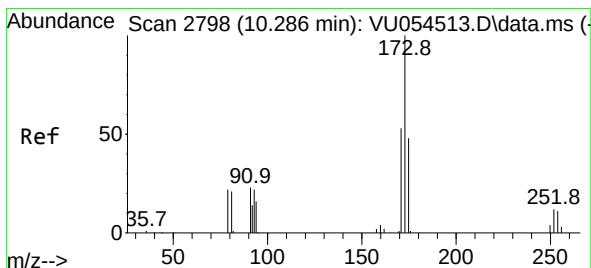
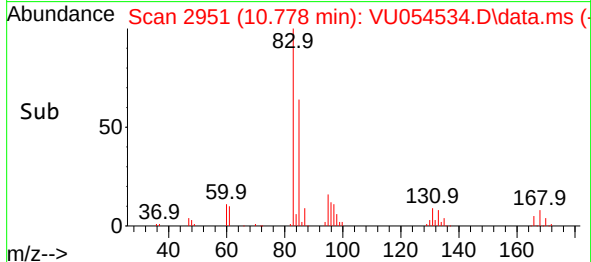
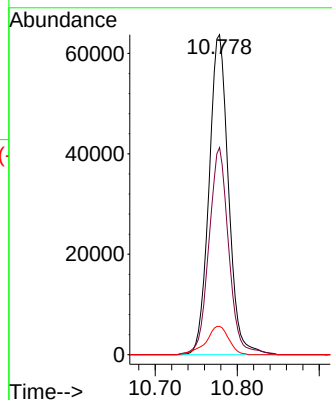
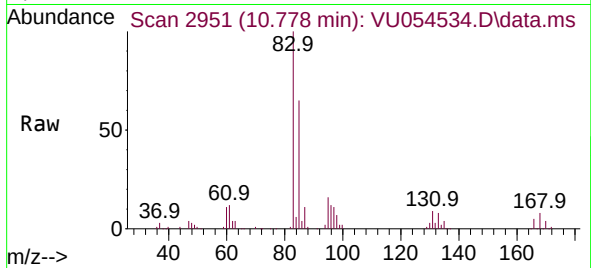




#57
1,1,2,2-Tetrachloroethane
Concen: 4.838 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

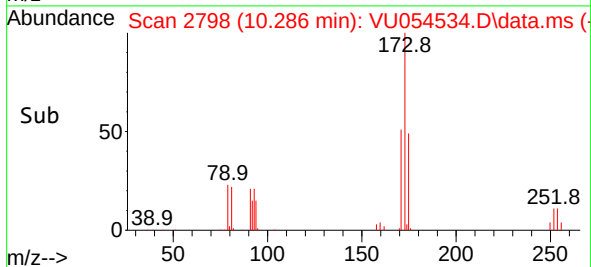
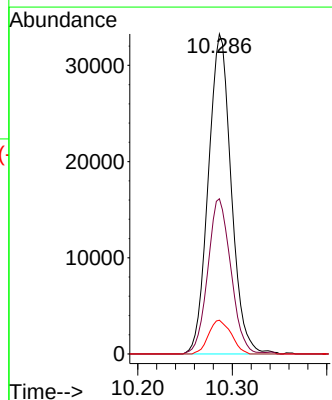
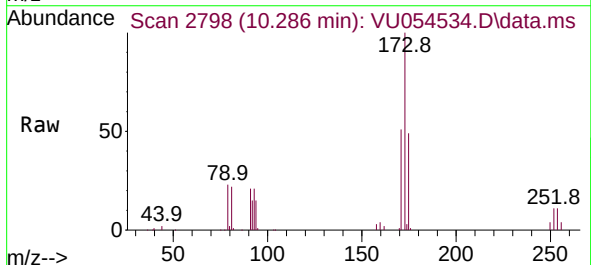
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

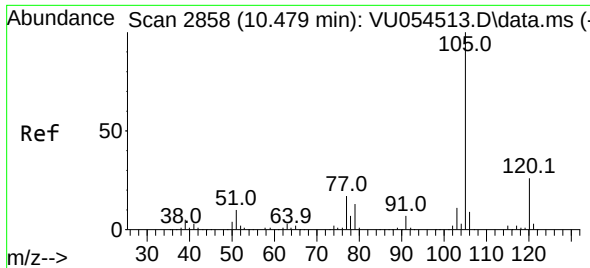
Tgt Ion: 83 Resp: 104949
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2
131 8.8 7.0 10.6



#59
Bromoform
Concen: 5.286 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion:173 Resp: 56011
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 10.4 8.6 12.8

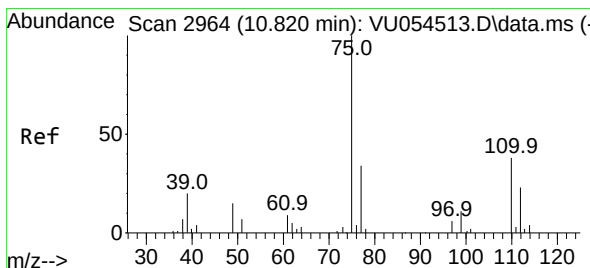
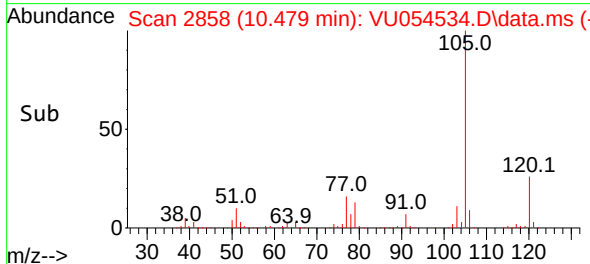
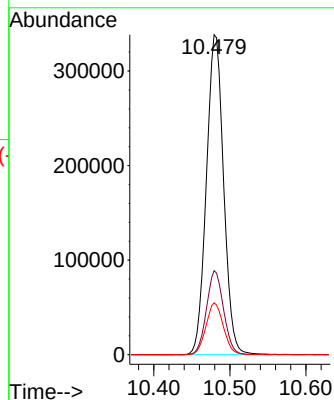
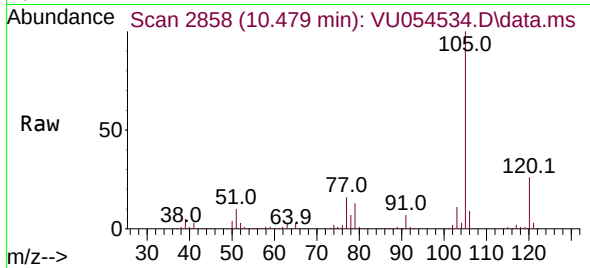




#60
Isopropylbenzene
Concen: 4.931 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

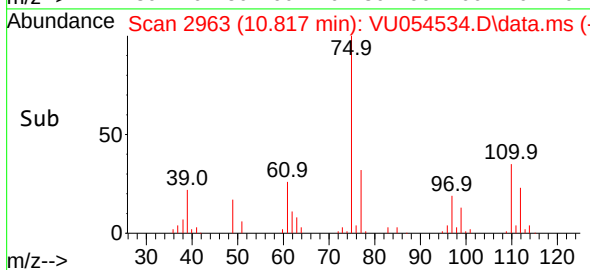
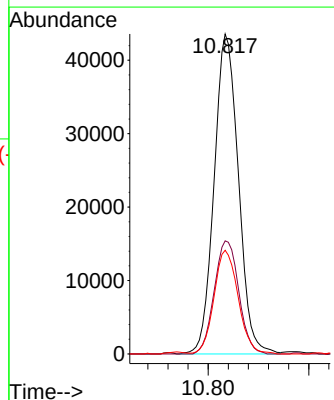
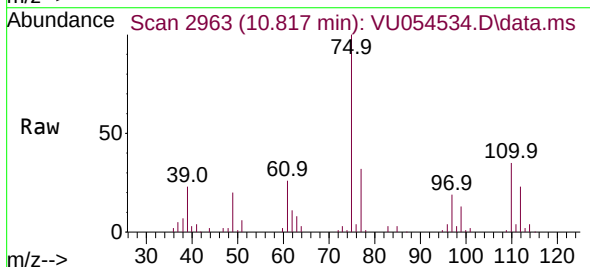
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

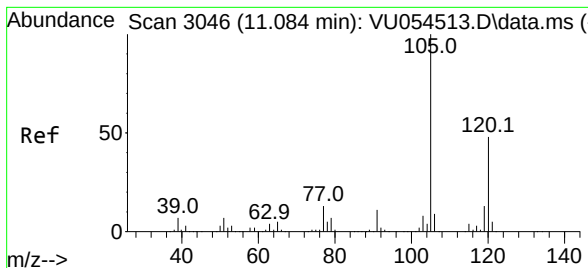
Tgt Ion:105 Resp: 532440
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.896 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion: 75 Resp: 73032
Ion Ratio Lower Upper
75 100
110 35.6 28.0 42.0
77 32.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.848 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

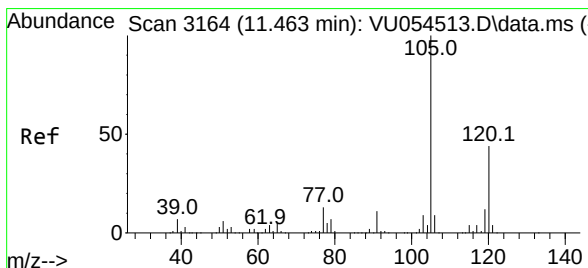
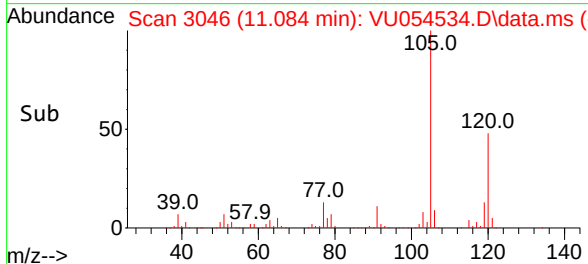
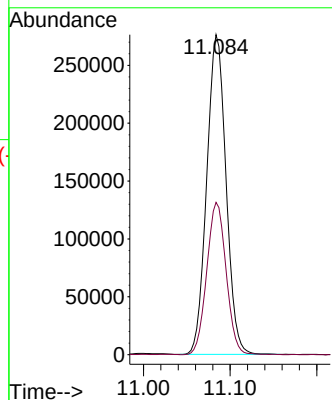
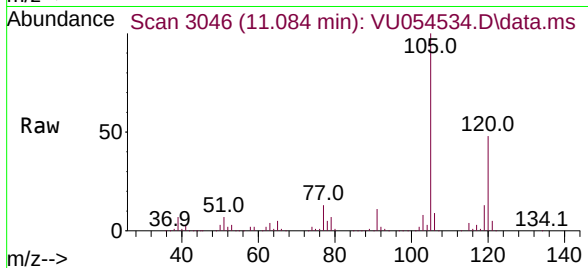
EXYY0MS

Tgt Ion:105 Resp: 427068

Ion Ratio Lower Upper

105 100

120 47.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.950 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU054534.D

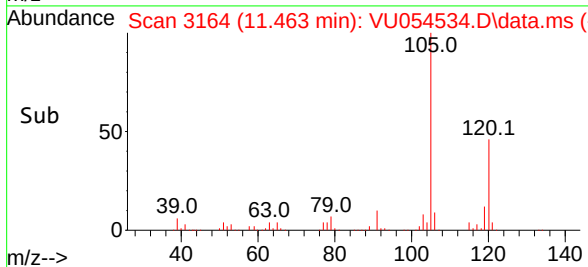
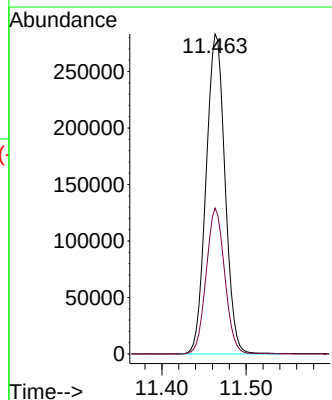
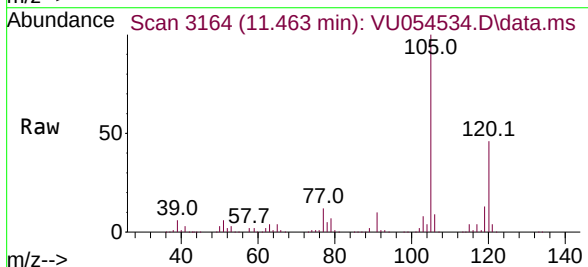
Acq: 15 Jun 2023 18:25

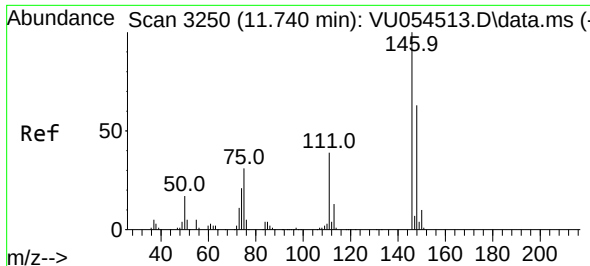
Tgt Ion:105 Resp: 442857

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0

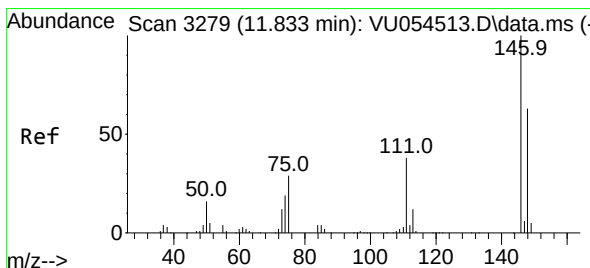
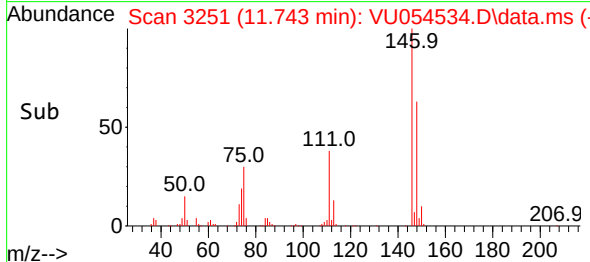
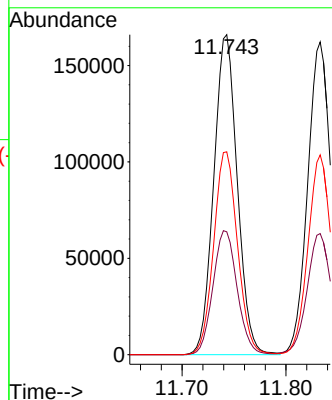
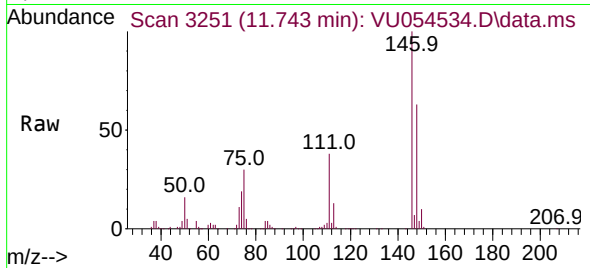




#64
1,3-Dichlorobenzene
Concen: 5.182 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

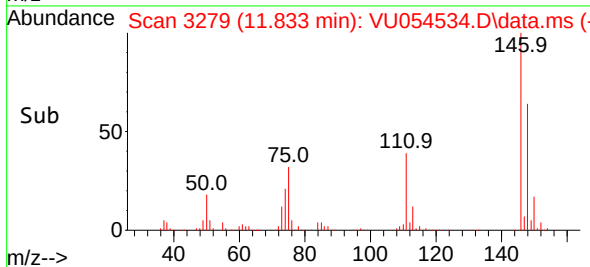
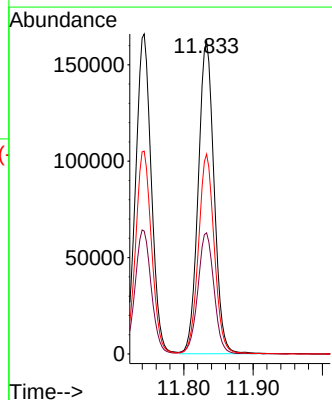
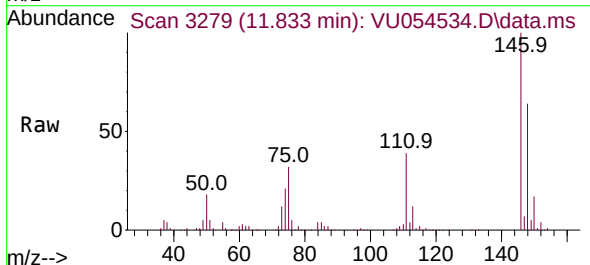
Instrument :
MSVOA_U
ClientSampleId :
EXYY0MS

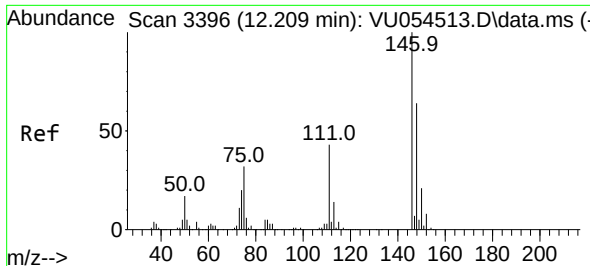
Tgt Ion:146 Resp: 261498
Ion Ratio Lower Upper
146 100
111 38.4 28.9 53.7
148 63.4 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.109 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054534.D
Acq: 15 Jun 2023 18:25

Tgt Ion:146 Resp: 258767
Ion Ratio Lower Upper
146 100
111 38.7 28.0 52.0
148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.090 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MS

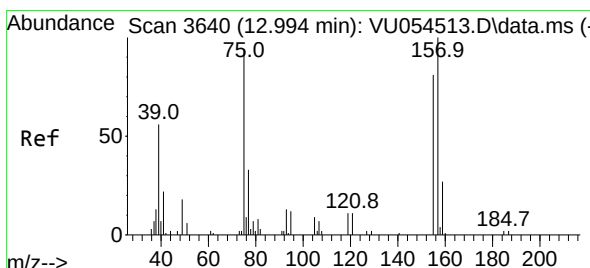
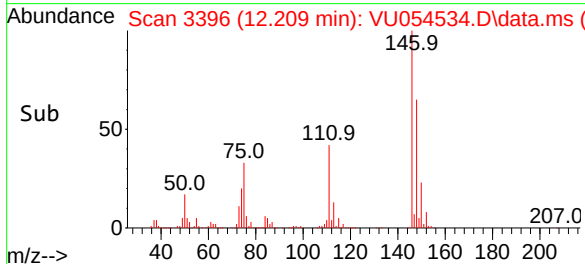
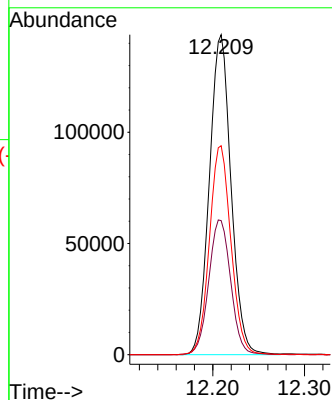
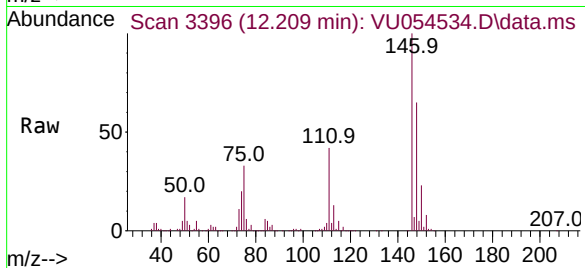
Tgt Ion:146 Resp: 236278

Ion Ratio Lower Upper

146 100

111 41.9 34.5 51.7

148 65.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.965 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

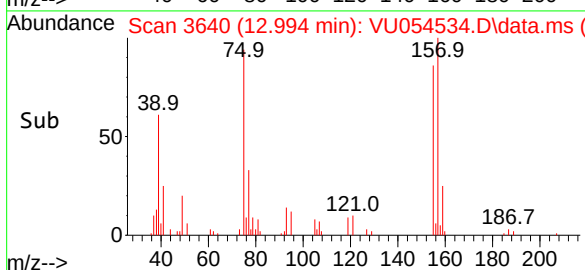
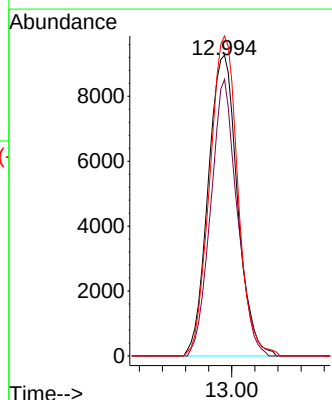
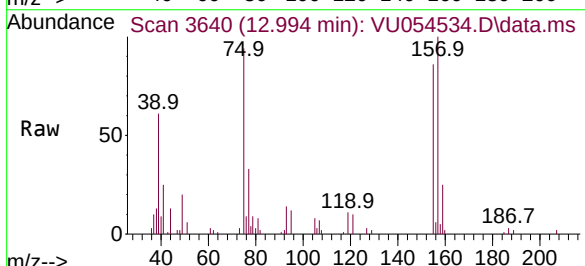
Tgt Ion: 75 Resp: 16275

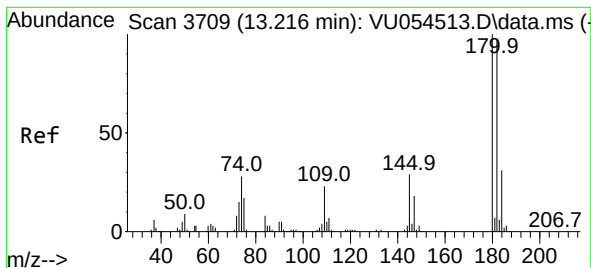
Ion Ratio Lower Upper

75 100

155 91.9 65.7 98.5

157 106.4 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 5.113 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MS

Tgt Ion:180 Resp: 194677

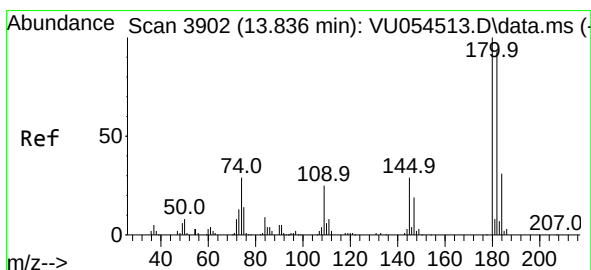
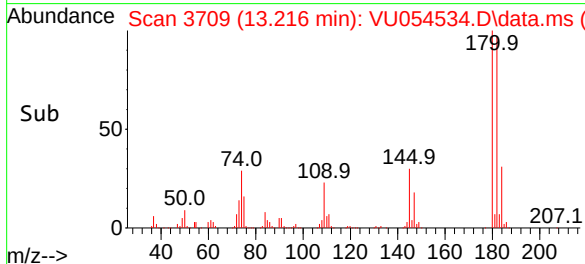
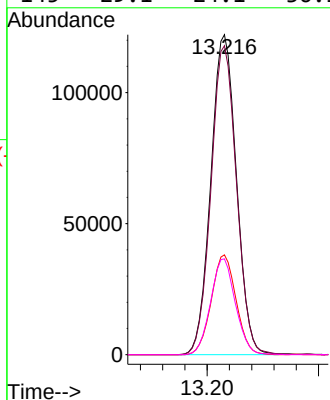
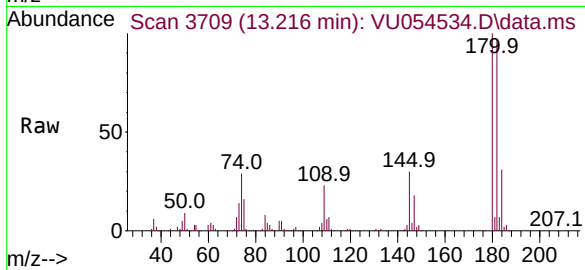
Ion Ratio Lower Upper

180 100

182 96.2 75.0 112.6

184 30.2 24.1 36.1

145 29.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.247 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

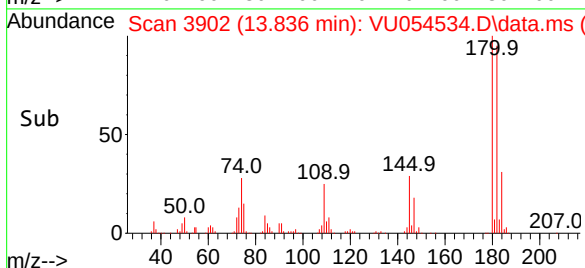
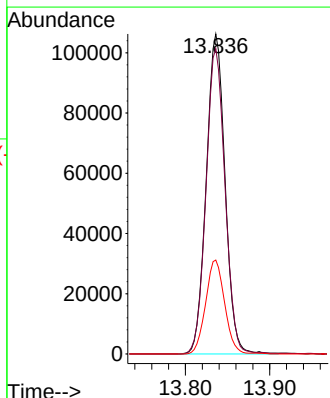
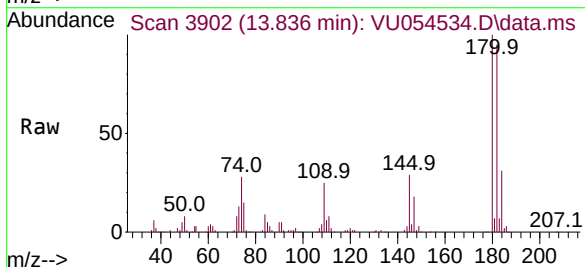
Tgt Ion:180 Resp: 165205

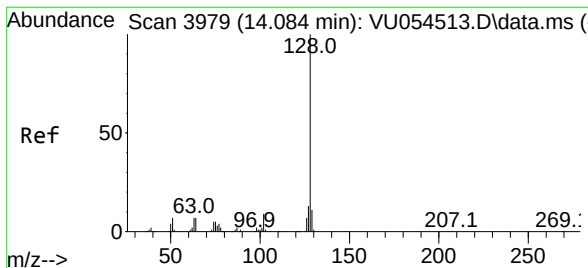
Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

145 29.5 24.0 36.0





#71

Naphthalene

Concen: 5.051 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

EXYY0MS

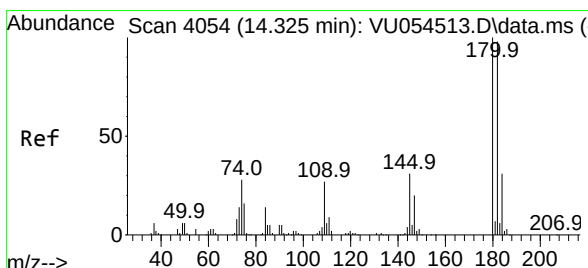
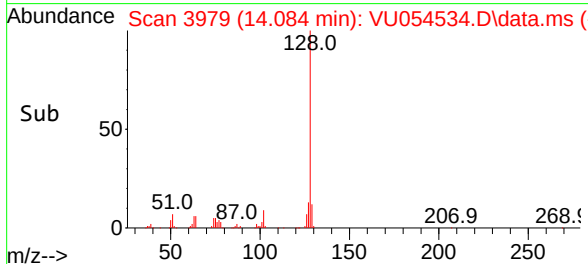
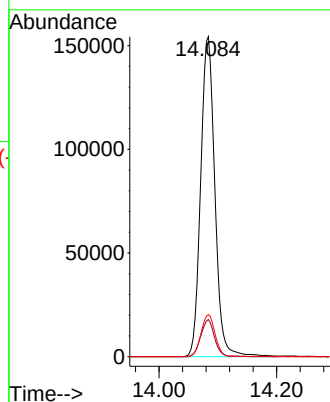
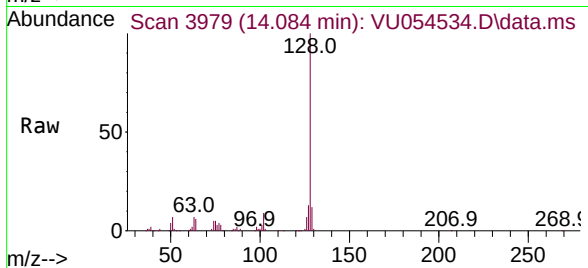
Tgt Ion:128 Resp: 258631

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 12.9 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.393 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU054534.D

Acq: 15 Jun 2023 18:25

Tgt Ion:180 Resp: 145874

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.2

145 30.9 26.0 39.0

