

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054732.D
 Acq On : 30 Jun 2023 19:10
 Operator : MD/SY
 Sample : 03495-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7MS

Quant Time: Jul 03 06:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264750	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	261608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79399	4.712	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.908	69	70300	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	31493	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.624	46	276080	58.279	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.560%
24) Chloroform-d	5.059	84	168659	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	84970	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.724	84	304151	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.685	67	107290	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	281050	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	41017	4.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.631	63	196785	55.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91202	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	105671	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	92600	3.743	ug/L	98
3) Chloromethane	1.519	50	135754	4.777	ug/L	99
5) Vinyl chloride	1.602	62	127730	4.379	ug/L	97
6) Bromomethane	1.853	94	65078	4.058	ug/L	100
8) Chloroethane	1.927	64	82563	4.722	ug/L	97
9) Trichlorofluoromethane	2.133	101	172939	4.823	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	100657	4.798	ug/L	98
12) 1,1-Dichloroethene	2.573	96	86362	4.497	ug/L	86
13) Acetone	2.631	43	187151	41.900	ug/L	98
14) Carbon disulfide	2.789	76	210556	3.698	ug/L	98
15) Methyl Acetate	2.949	43	41736	5.042	ug/L	99
16) Methylene chloride	3.039	84	107530	3.982	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	251040	5.296	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	86936	4.385	ug/L	99
19) 1,1-Dichloroethane	3.866	63	210040	5.119	ug/L	99
21) 2-Butanone	4.702	43	320684	55.321	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	109323	4.842	ug/L	98
23) Bromochloromethane	4.972	128	49039	5.220	ug/L	96
25) Chloroform	5.084	83	210950	5.215	ug/L	99

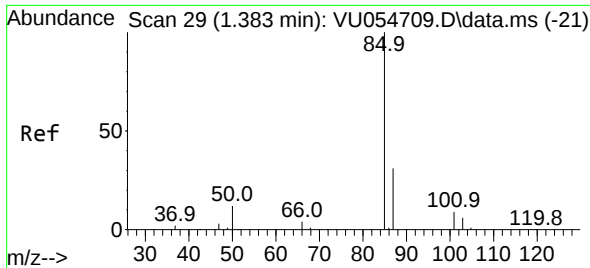
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	128977	5.440	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	173651	4.895	ug/L	99
30) Cyclohexane	5.383	56	143648	3.718	ug/L	99
31) Carbon tetrachloride	5.518	117	142118	4.649	ug/L	97
33) Benzene	5.769	78	429283	4.566	ug/L	100
34) Trichloroethene	6.538	95	106892	4.299	ug/L	96
35) Methylcyclohexane	6.759	83	136179	3.624	ug/L	96
37) 1,2-Dichloropropane	6.785	63	122307	4.811	ug/L	99
38) Bromodichloromethane	7.103	83	150072	5.215	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	165194	4.760	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	779389	57.451	ug/L	98
42) Toluene	7.965	91	454998	4.699	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	139954	4.969	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	87093	5.385	ug/L	98
47) Tetrachloroethene	8.550	164	84662	4.449	ug/L	97
48) 2-Hexanone	8.679	43	570262	56.415	ug/L	99
49) Dibromochloromethane	8.804	129	93927	5.531	ug/L	96
50) 1,2-Dibromoethane	8.920	107	77709	5.234	ug/L #	96
51) Chlorobenzene	9.444	112	278905	4.621	ug/L	98
52) Ethylbenzene	9.566	91	477556	4.516	ug/L	99
53) m,p-Xylene	9.692	106	180337	4.642	ug/L	100
54) o-Xylene	10.097	106	175596	4.674	ug/L	99
55) Styrene	10.110	104	302781	4.802	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	116959	5.694	ug/L	100
59) Bromoform	10.287	173	56549	5.742	ug/L	98
60) Isopropylbenzene	10.483	105	478725	4.770	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77632	5.600	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	371768	4.541	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	384721	4.626	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	229771	4.898	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	223737	4.753	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	215910	5.005	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18629	6.115	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	161073	4.551	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	132806	4.538	ug/L	100
71) Naphthalene	14.084	128	222250	4.670	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	125647	4.997	ug/L	99

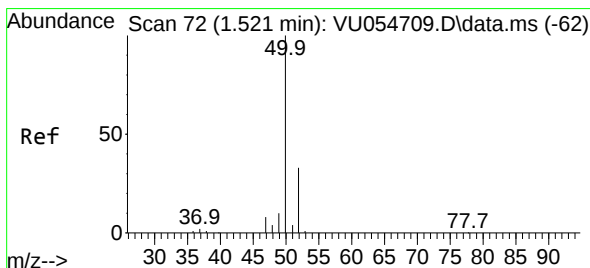
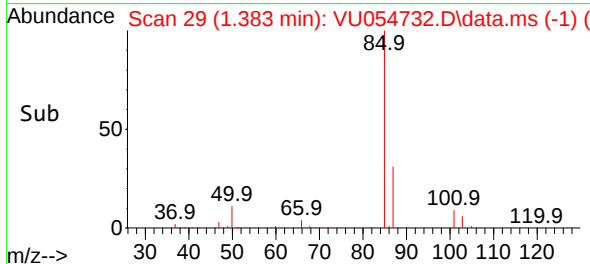
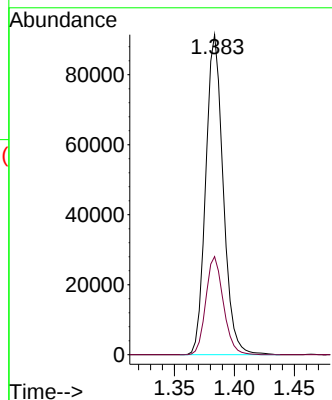
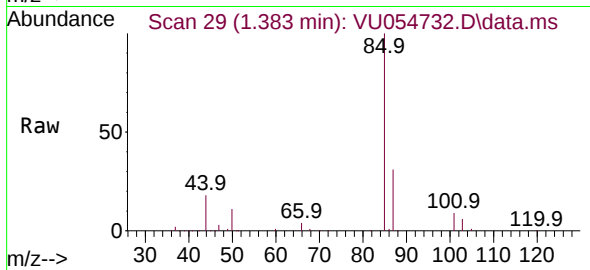
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#2
 Dichlorodifluoromethane
 Concen: 3.743 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054732.D
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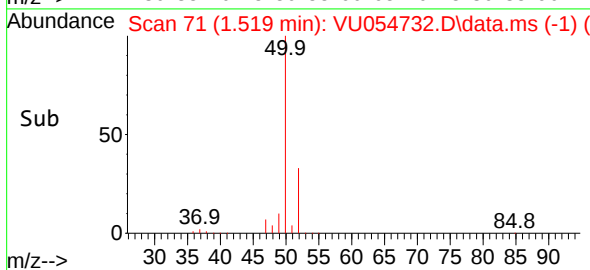
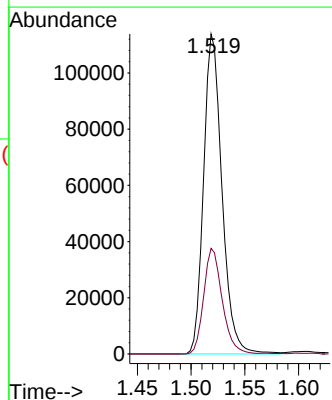
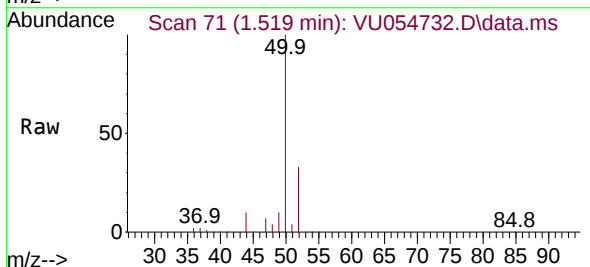
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 ClientSampleId :
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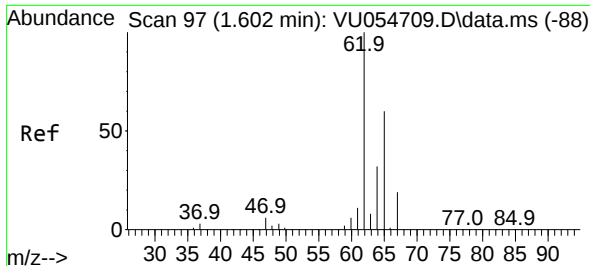
Tgt Ion: 85 Resp: 92600
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.4 38.2



#3
 Chloromethane
 Concen: 4.777 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

Tgt Ion: 50 Resp: 135754
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.4

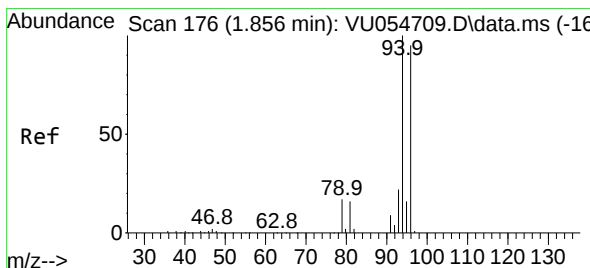
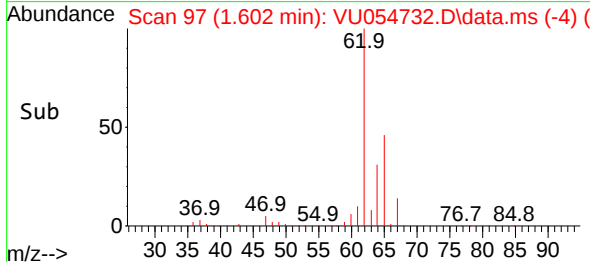
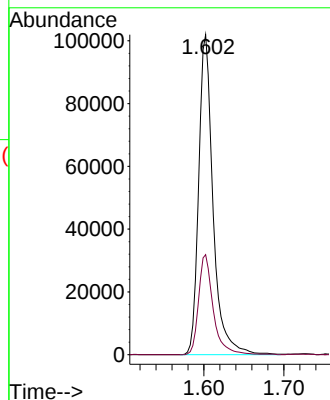
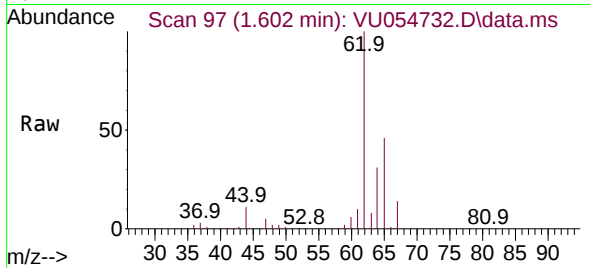




#5
 Vinyl chloride
 Concen: 4.379 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

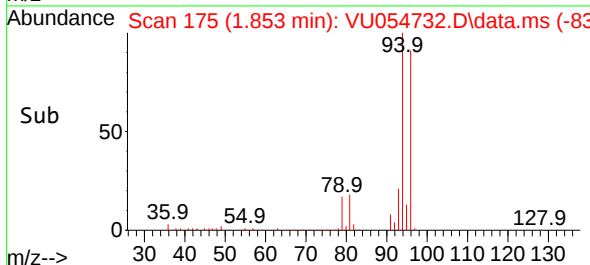
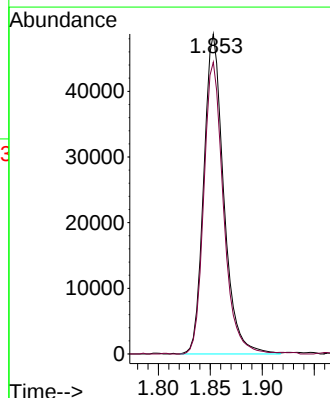
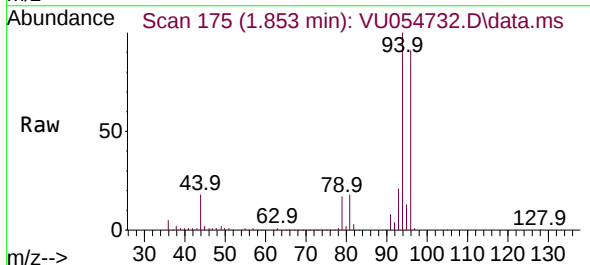
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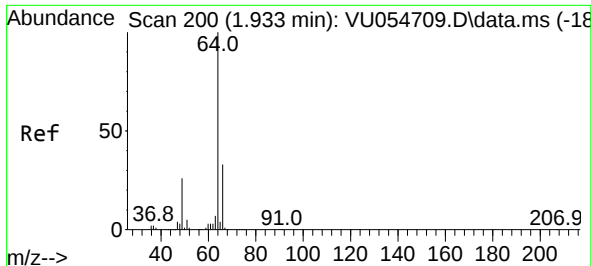
Tgt Ion: 62 Resp: 127730
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.0 42.6



#6
 Bromomethane
 Concen: 4.058 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

Tgt Ion: 94 Resp: 65078
 Ion Ratio Lower Upper
 94 100
 96 91.2 63.6 118.2

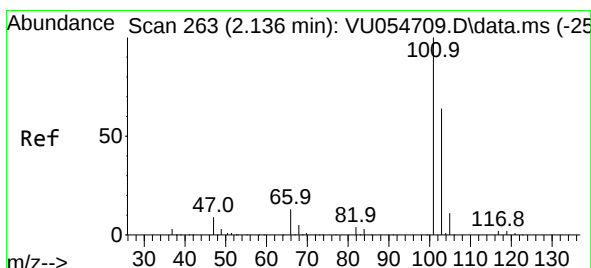
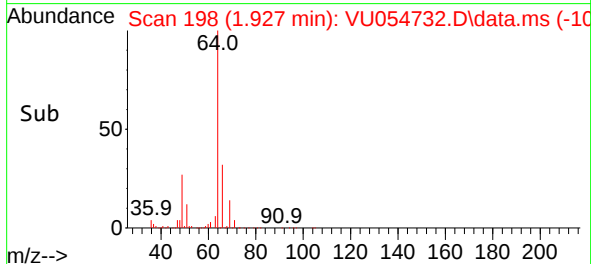
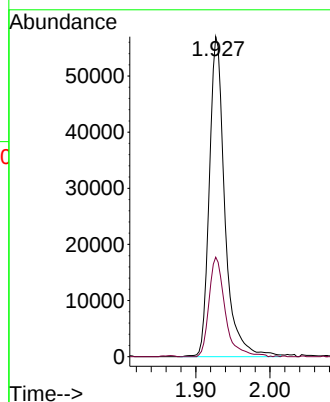
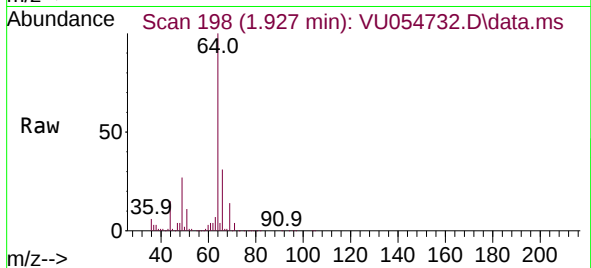




#8
Chloroethane
Concen: 4.722 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.006 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

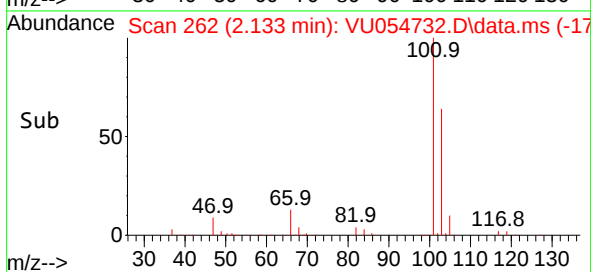
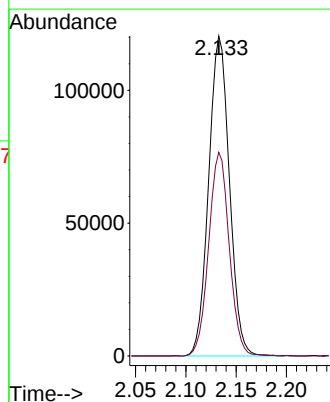
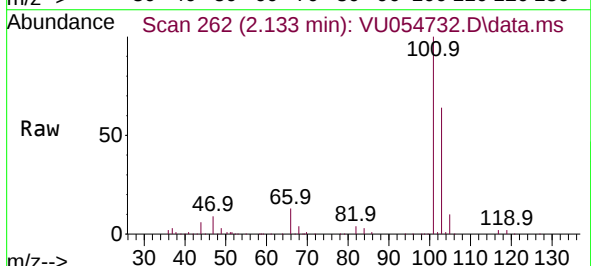
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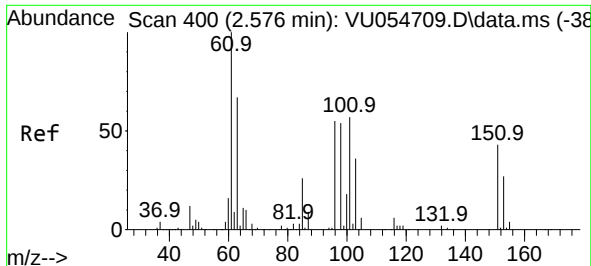
Tgt Ion: 64 Resp: 82563
Ion Ratio Lower Upper
64 100
66 31.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.823 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 101 Resp: 172939
Ion Ratio Lower Upper
101 100
103 63.1 50.6 75.8

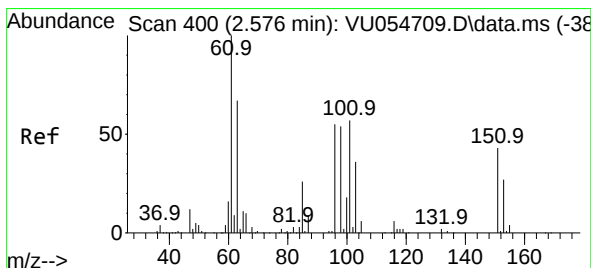
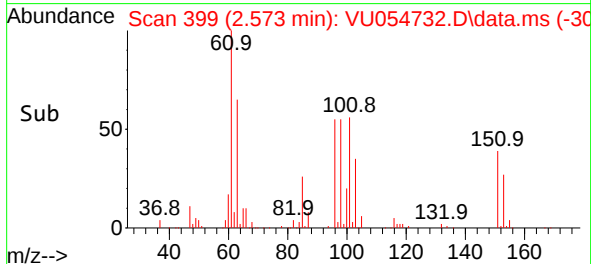
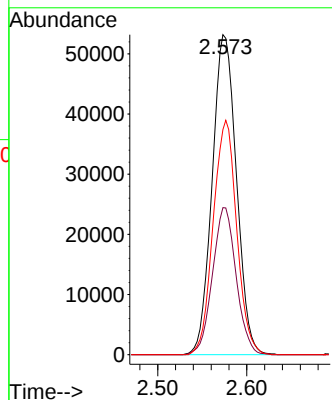
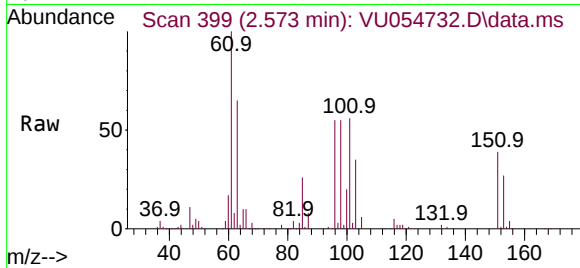




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.798 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

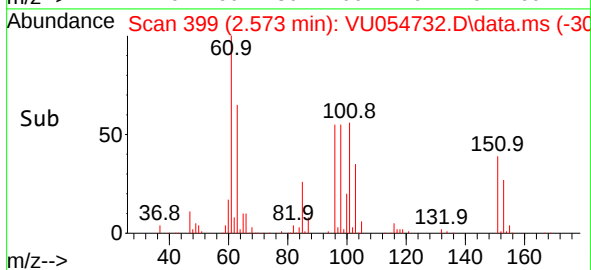
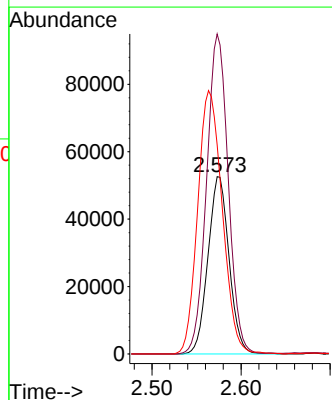
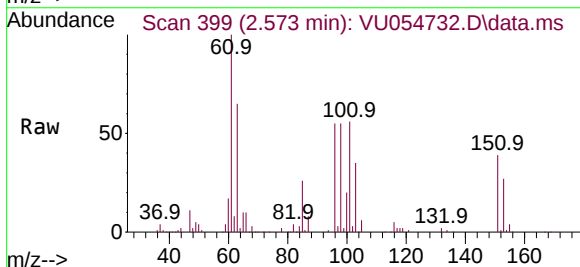
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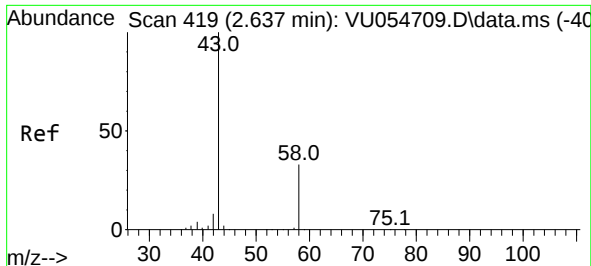
Tgt Ion:101 Resp: 100657
Ion Ratio Lower Upper
101 100
85 44.8 34.6 51.8
151 71.1 57.7 86.5



#12
1,1-Dichloroethene
Concen: 4.497 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 96 Resp: 86362
Ion Ratio Lower Upper
96 100
61 180.6 119.9 222.7
63 118.0 64.3 119.3





#13

Acetone

Concen: 41.900 ug/L

RT: 2.631 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

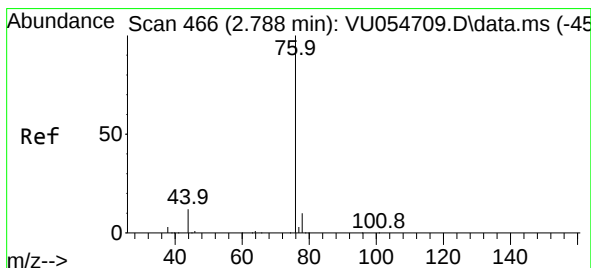
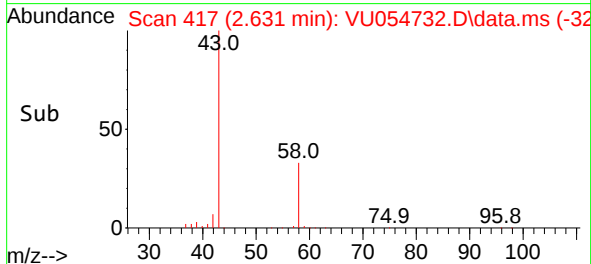
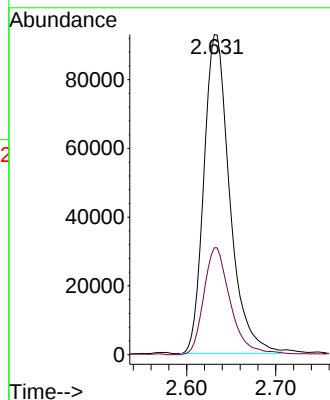
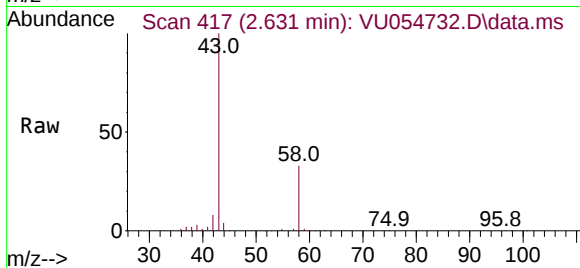
H0FA7MS

Tgt Ion: 43 Resp: 187151

Ion Ratio Lower Upper

43 100

58 34.7 0.0 67.2



#14

Carbon disulfide

Concen: 3.698 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054732.D

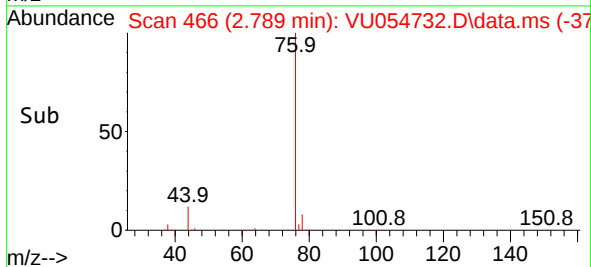
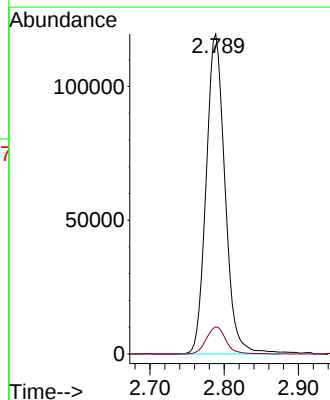
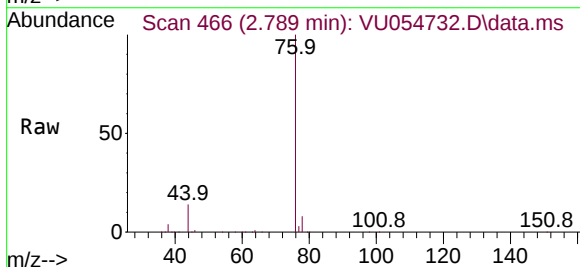
Acq: 30 Jun 2023 19:10

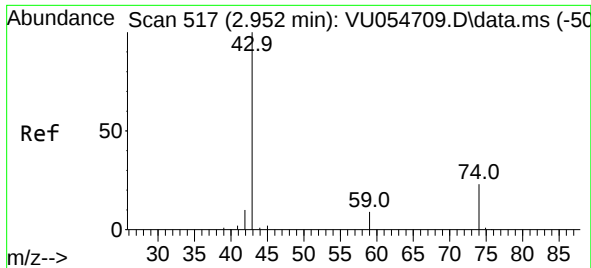
Tgt Ion: 76 Resp: 210556

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0

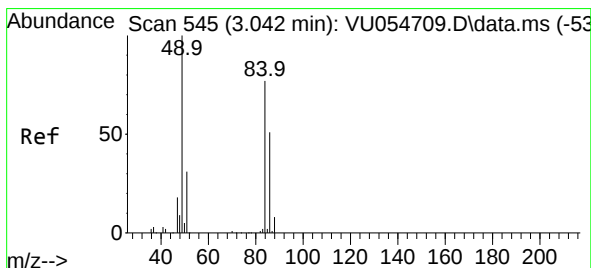
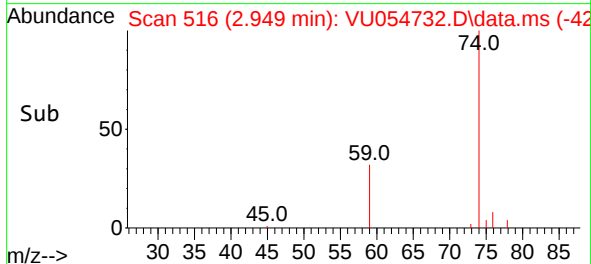
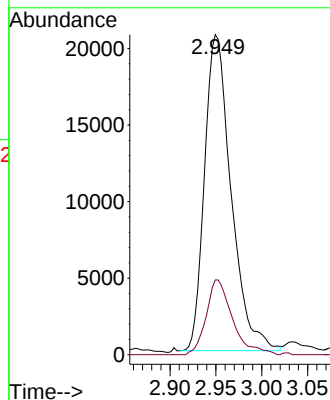
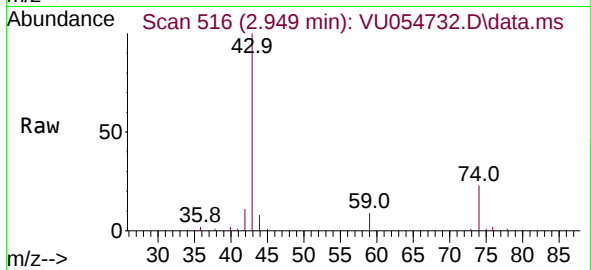




#15
Methyl Acetate
Concen: 5.042 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

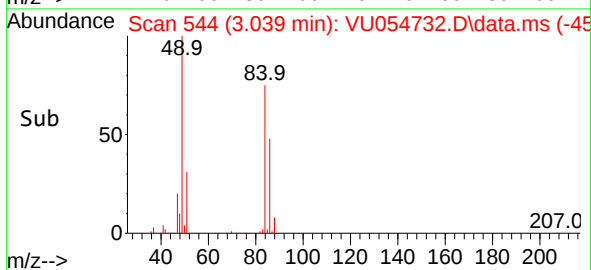
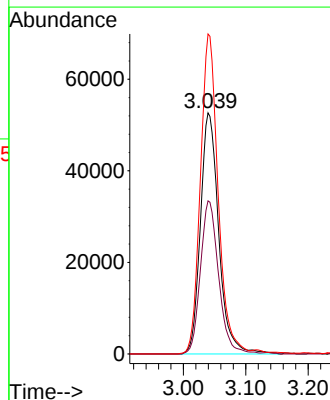
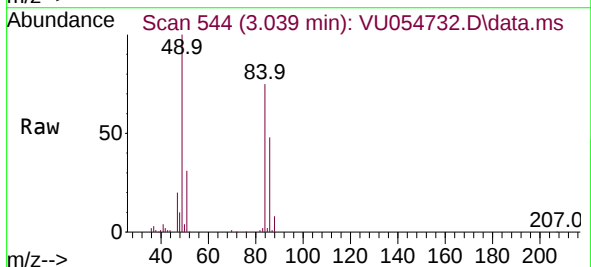
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

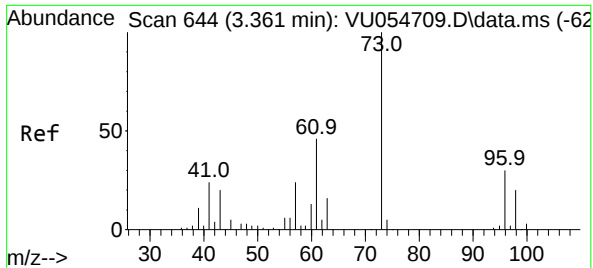
Tgt Ion: 43 Resp: 41736
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.6



#16
Methylene chloride
Concen: 3.982 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 84 Resp: 107530
Ion Ratio Lower Upper
84 100
86 63.5 43.9 81.5
49 132.7 86.1 159.9

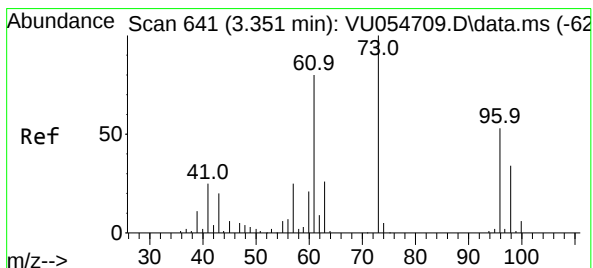
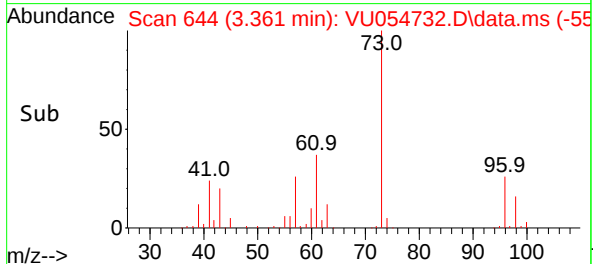
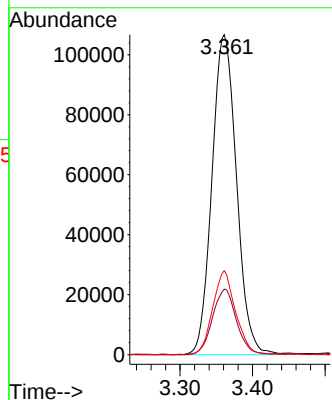
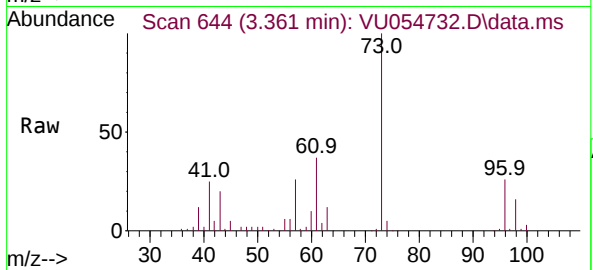




#17
Methyl tert-butyl Ether
Concen: 5.296 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

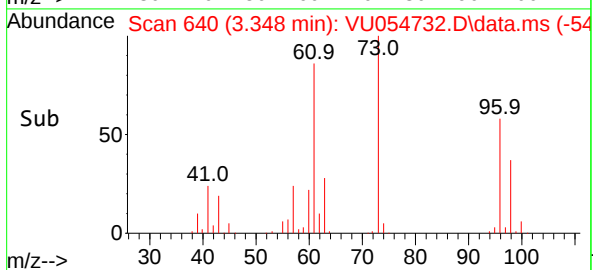
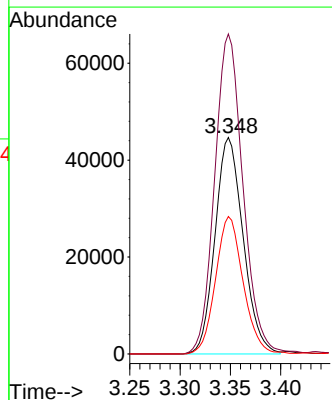
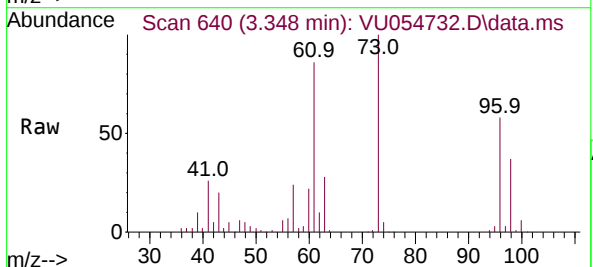
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

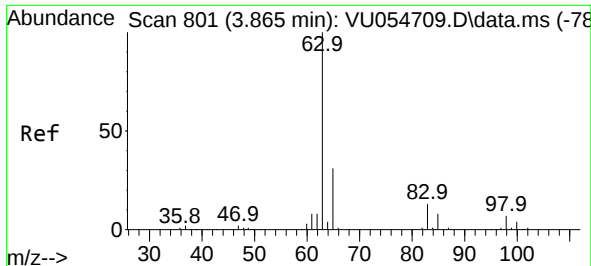
Tgt Ion: 73 Resp: 251040
Ion Ratio Lower Upper
73 100
43 20.0 15.7 23.5
57 24.4 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 4.385 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 96 Resp: 86936
Ion Ratio Lower Upper
96 100
61 147.8 104.6 194.2
98 63.5 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.119 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

H0FA7MS

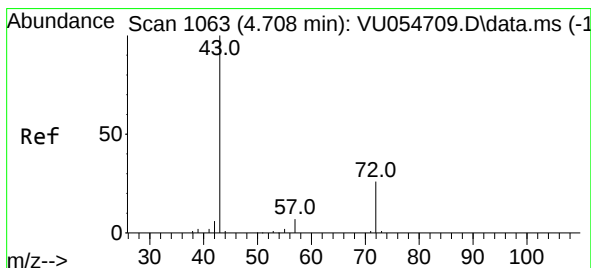
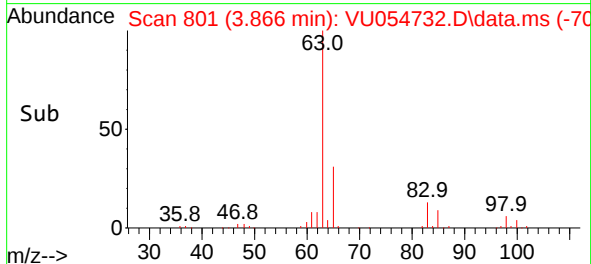
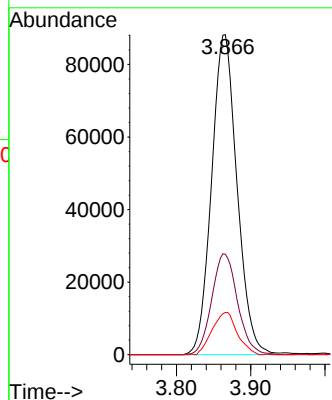
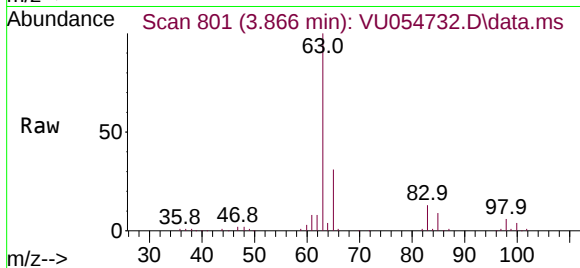
Tgt Ion: 63 Resp: 210040

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 13.2 9.0 16.6



#21

2-Butanone

Concen: 55.321 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VU054732.D

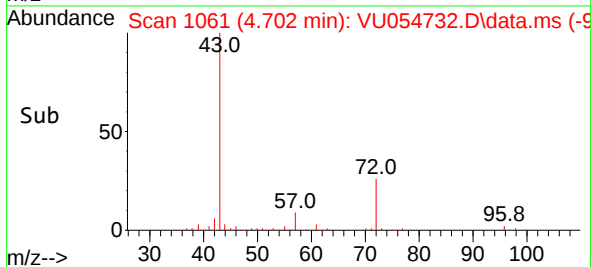
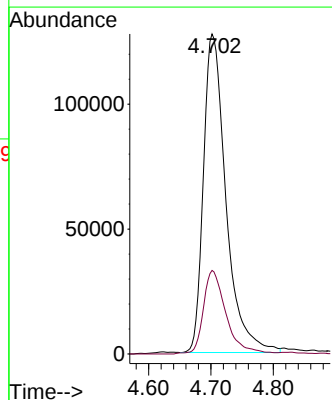
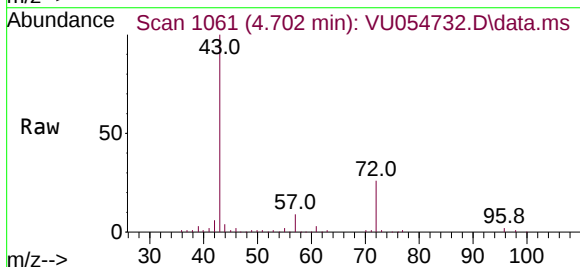
Acq: 30 Jun 2023 19:10

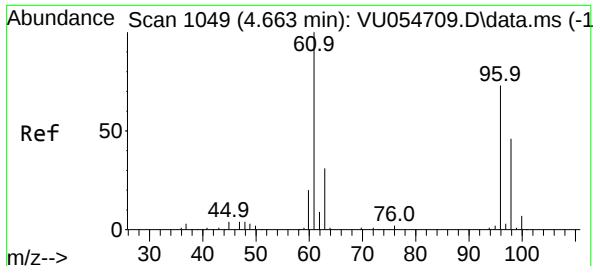
Tgt Ion: 43 Resp: 320684

Ion Ratio Lower Upper

43 100

72 26.3 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 4.842 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

H0FA7MS

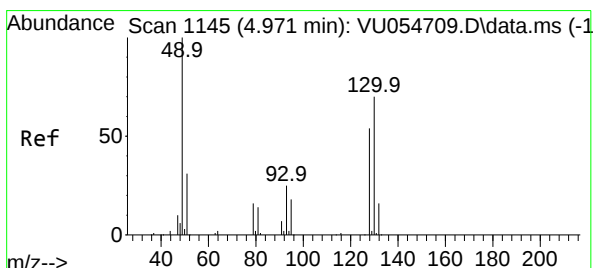
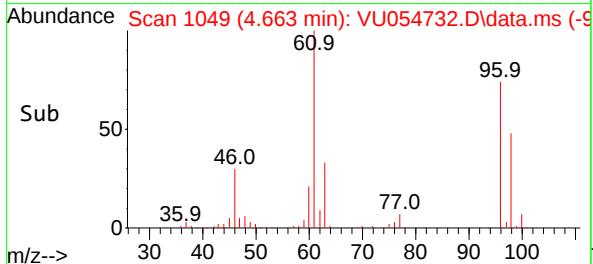
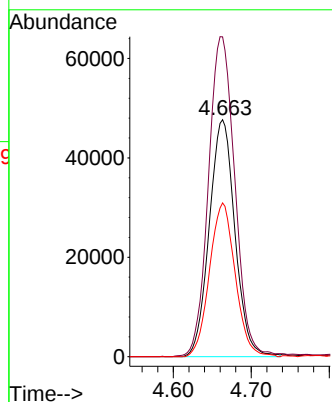
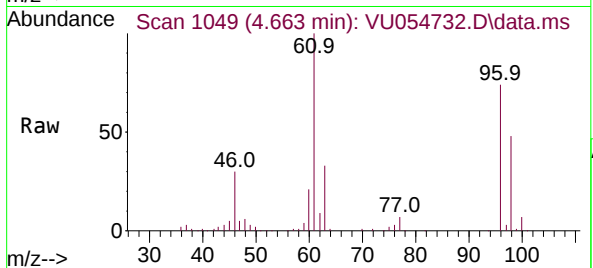
Tgt Ion: 96 Resp: 109323

Ion Ratio Lower Upper

96 100

61 134.9 96.5 179.1

98 64.9 44.9 83.3



#23

Bromochloromethane

Concen: 5.220 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Tgt Ion:128 Resp: 49039

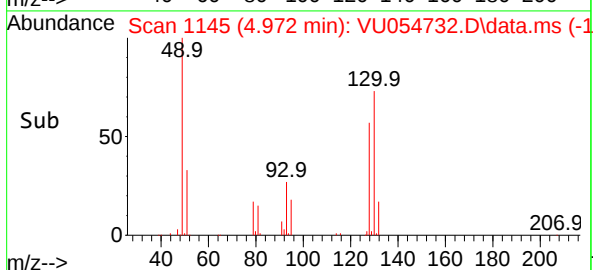
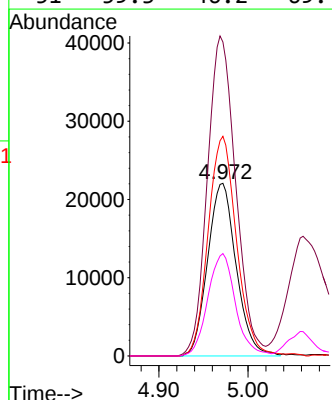
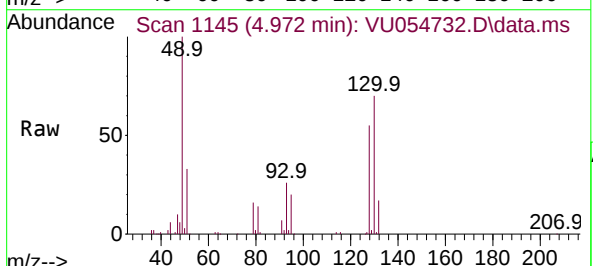
Ion Ratio Lower Upper

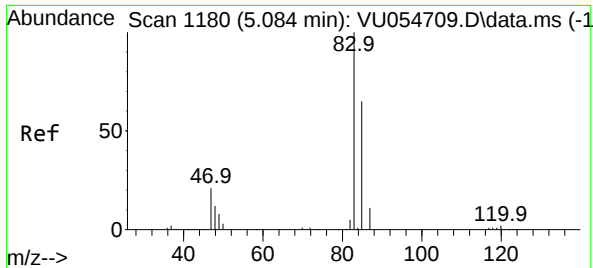
128 100

49 181.8 132.1 245.3

130 127.3 91.5 169.9

51 59.3 46.2 69.4

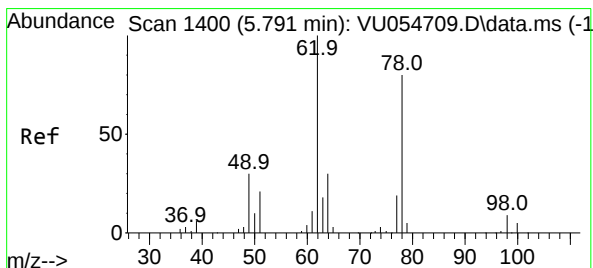
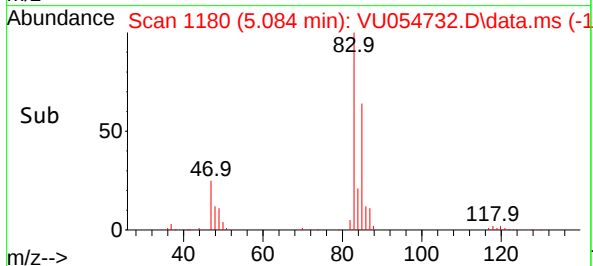
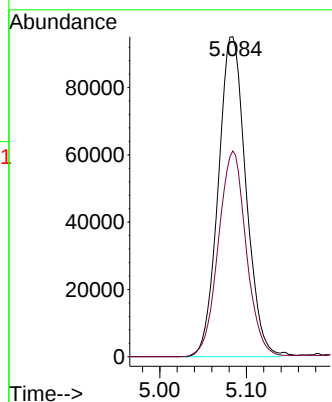
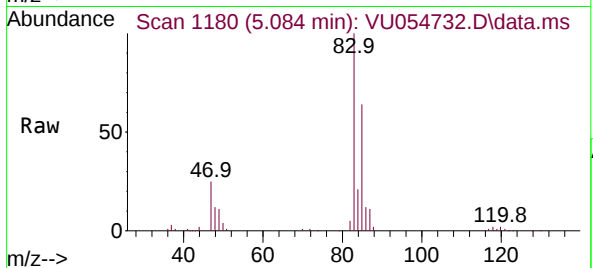




#25
Chloroform
Concen: 5.215 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

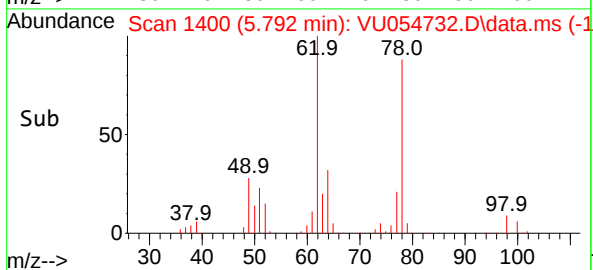
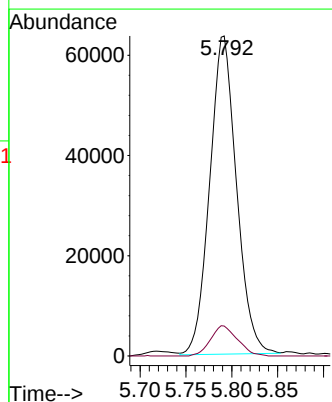
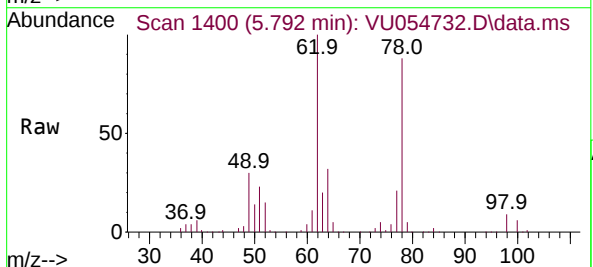
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

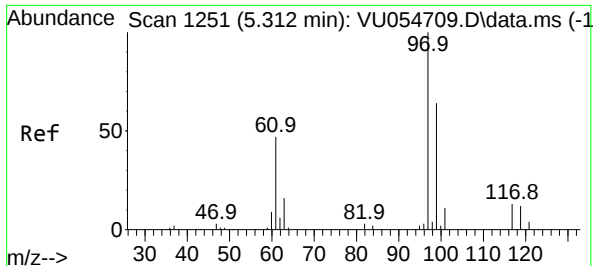
Tgt Ion: 83 Resp: 210950
Ion Ratio Lower Upper
83 100
85 64.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.440 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 62 Resp: 128977
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6

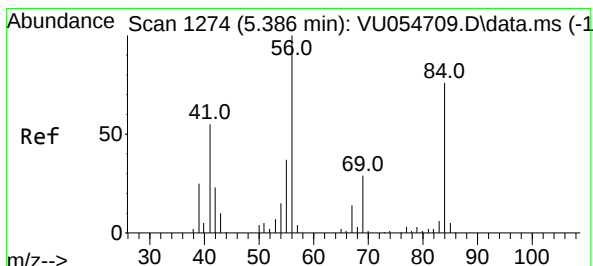
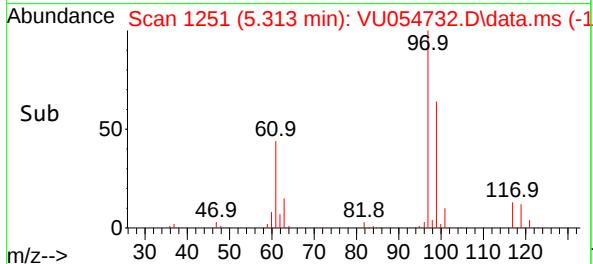
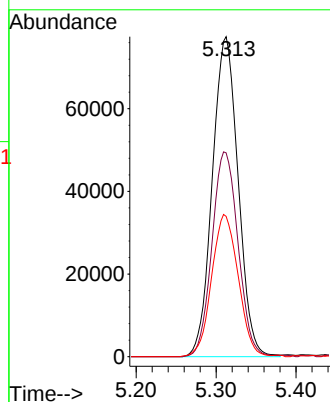
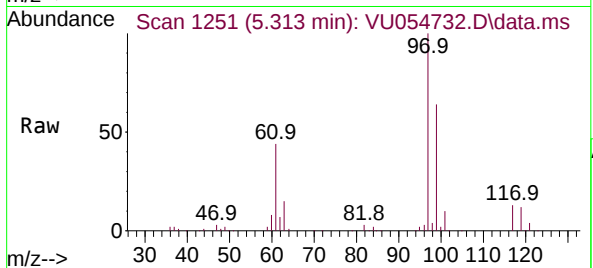




#29
1,1,1-Trichloroethane
Concen: 4.895 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

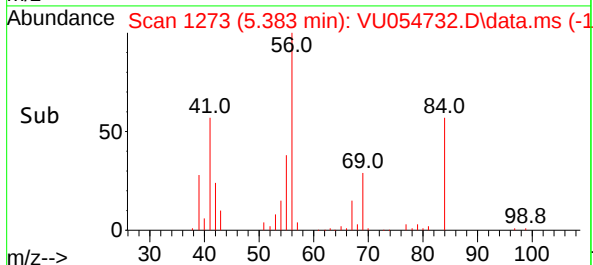
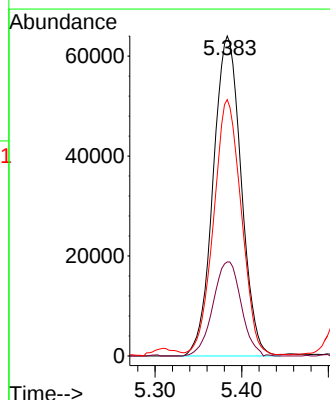
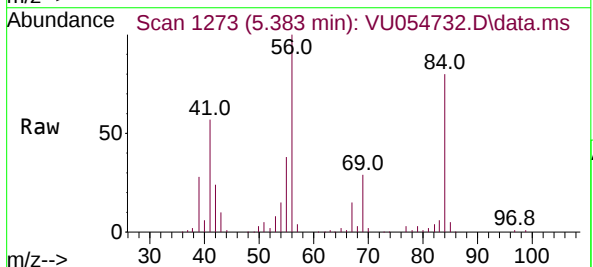
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

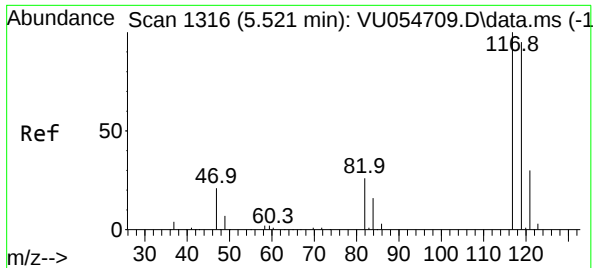
Tgt Ion: 97 Resp: 173651
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 45.8 36.1 54.1



#30
Cyclohexane
Concen: 3.718 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 56 Resp: 143648
Ion Ratio Lower Upper
56 100
69 29.6 23.9 35.9
84 79.5 63.0 94.6

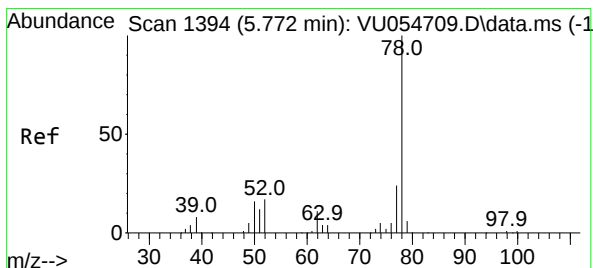
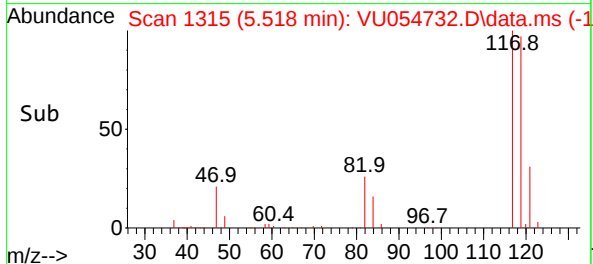
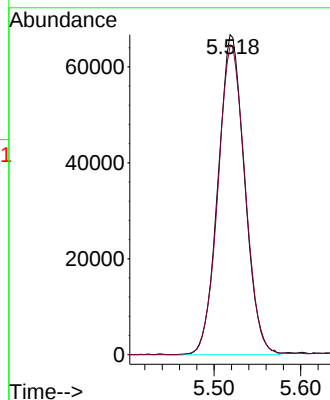
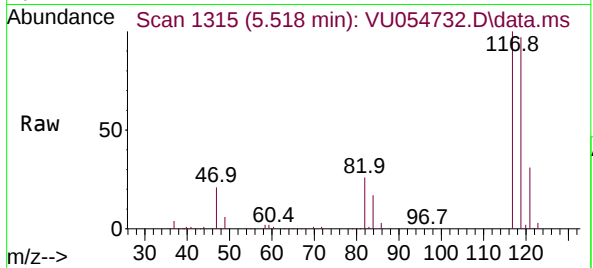




#31
Carbon tetrachloride
Concen: 4.649 ug/L
RT: 5.518 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

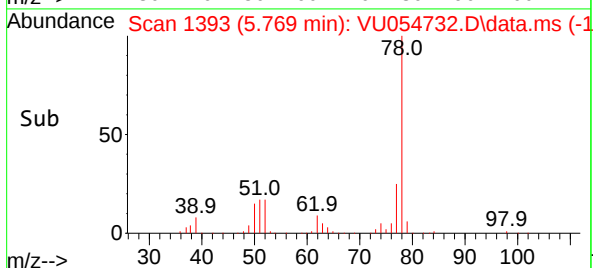
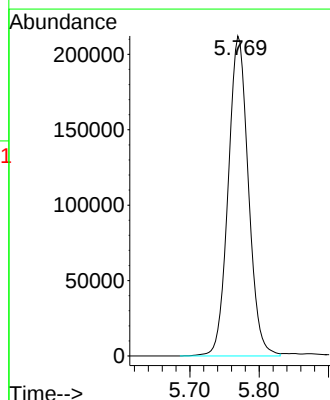
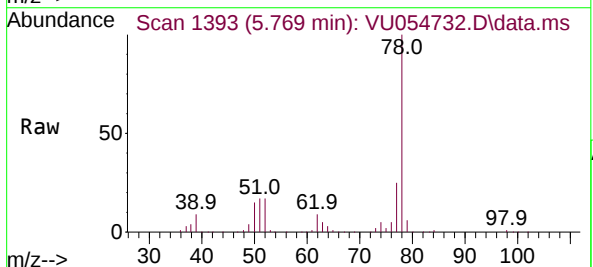
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

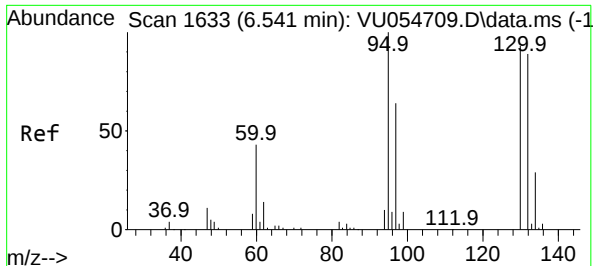
Tgt Ion:117 Resp: 142118
Ion Ratio Lower Upper
117 100
119 98.7 76.8 115.2



#33
Benzene
Concen: 4.566 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 78 Resp: 429283

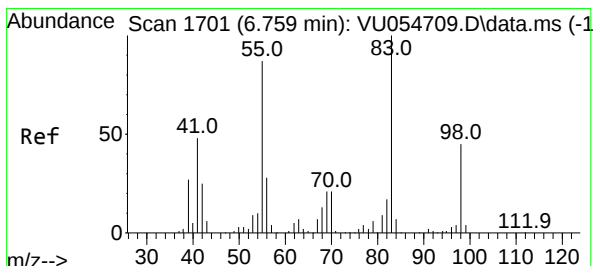
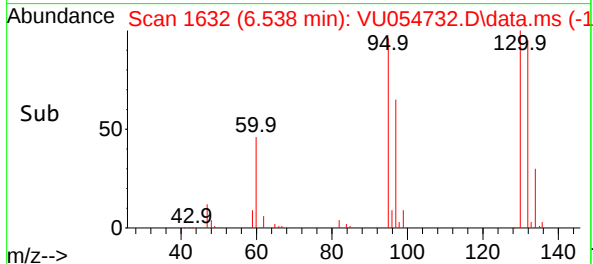
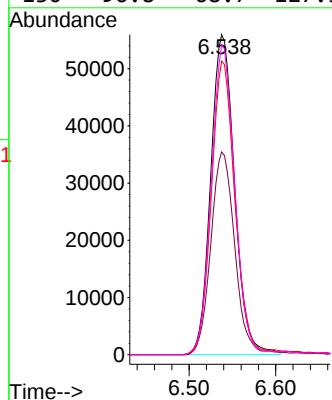
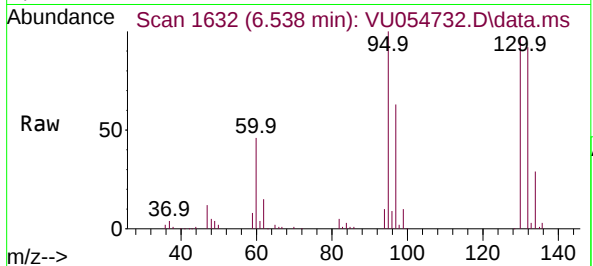




#34
Trichloroethene
Concen: 4.299 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

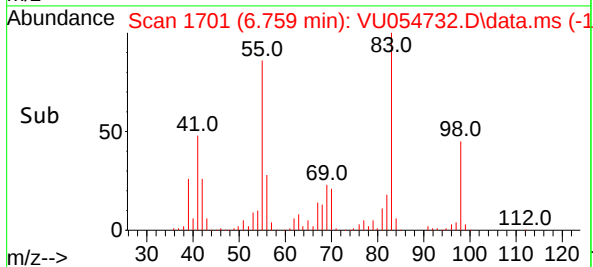
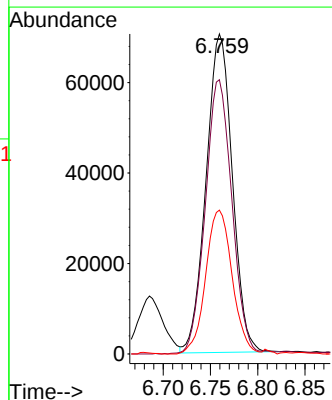
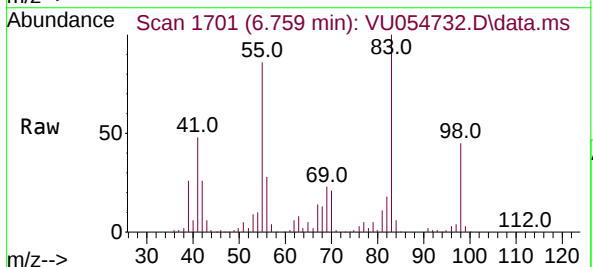
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

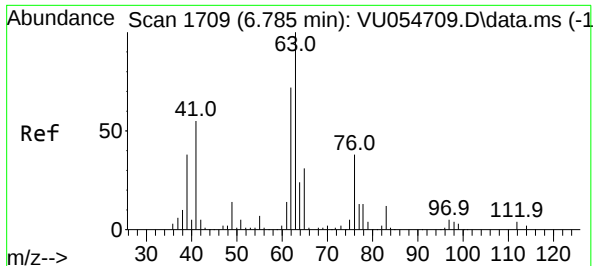
Tgt Ion: 95 Resp: 106892
Ion Ratio Lower Upper
95 100
97 63.4 46.8 87.0
132 91.8 68.4 127.0
130 96.8 68.7 127.5



#35
Methylcyclohexane
Concen: 3.624 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 83 Resp: 136179
Ion Ratio Lower Upper
83 100
55 87.6 67.1 100.7
98 45.5 35.1 52.7





#37

1,2-Dichloropropane

Concen: 4.811 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

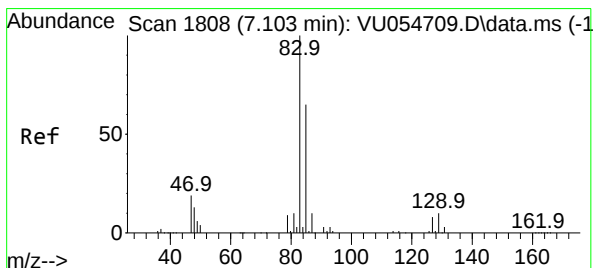
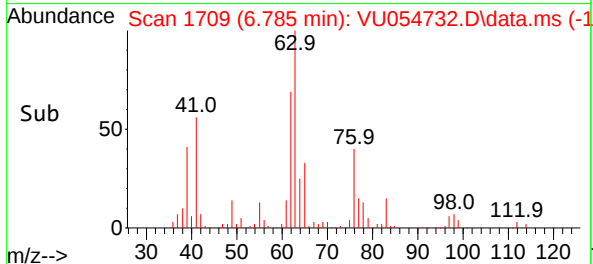
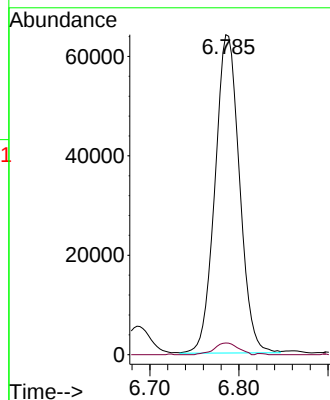
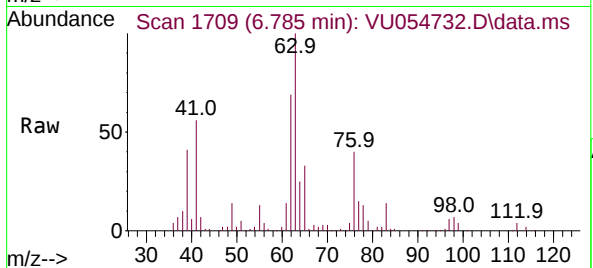
H0FA7MS

Tgt Ion: 63 Resp: 122307

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 5.215 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

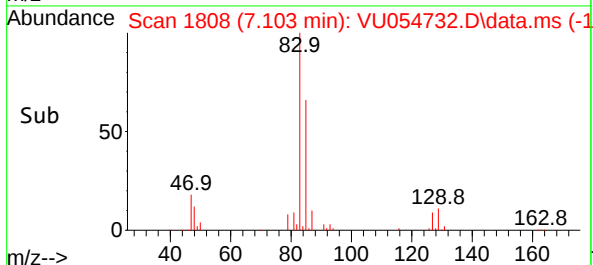
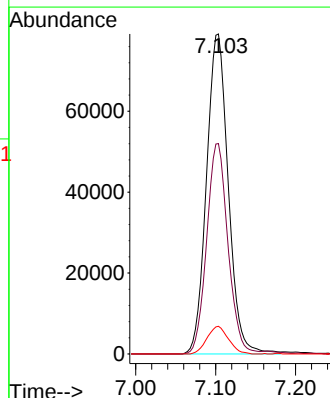
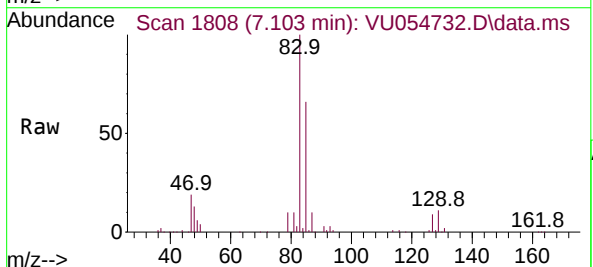
Tgt Ion: 83 Resp: 150072

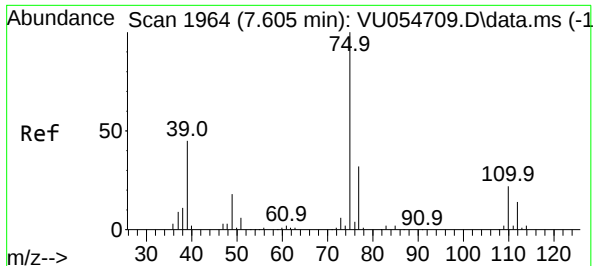
Ion Ratio Lower Upper

83 100

85 65.8 44.1 81.9

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.760 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

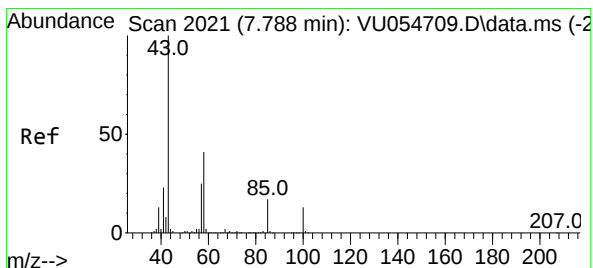
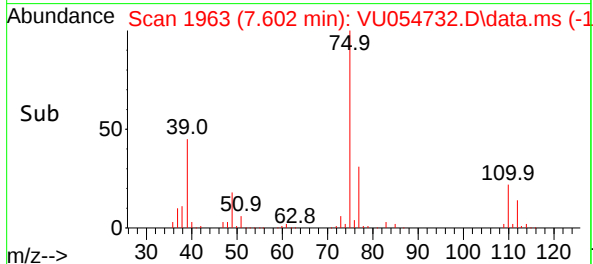
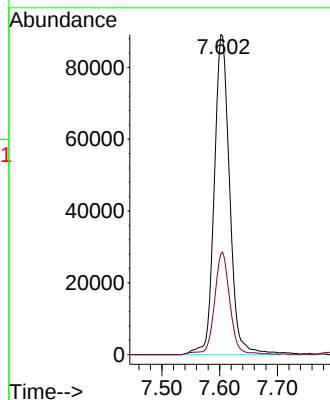
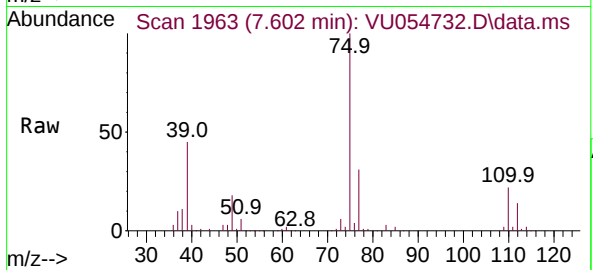
H0FA7MS

Tgt Ion: 75 Resp: 165194

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 57.451 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

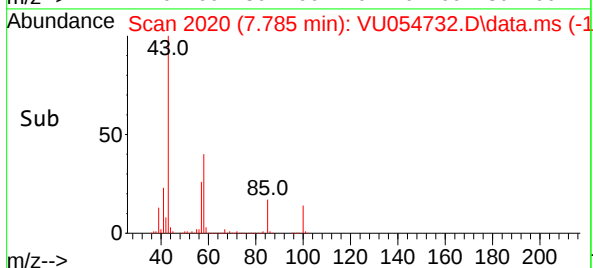
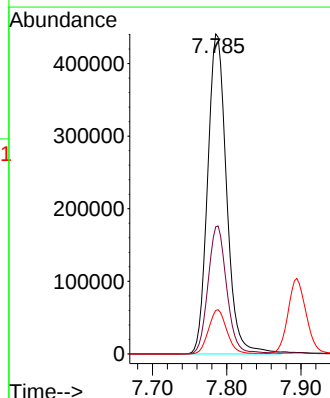
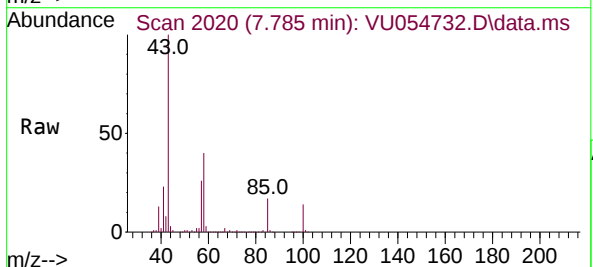
Tgt Ion: 43 Resp: 779389

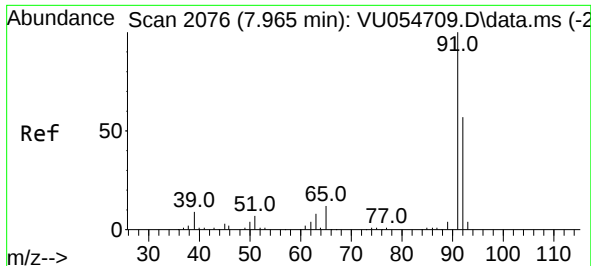
Ion Ratio Lower Upper

43 100

58 39.7 32.4 48.6

100 13.4 11.4 17.2

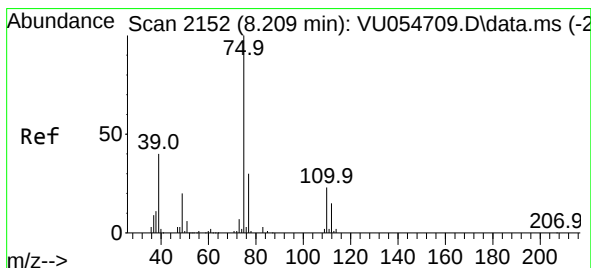
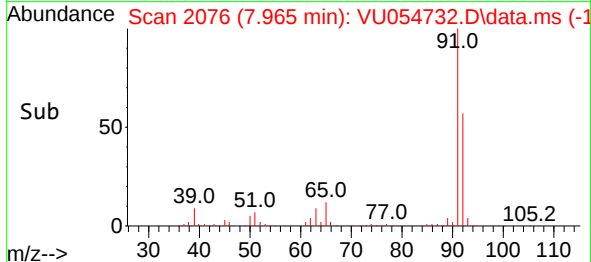
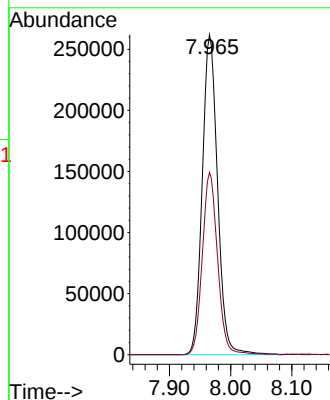
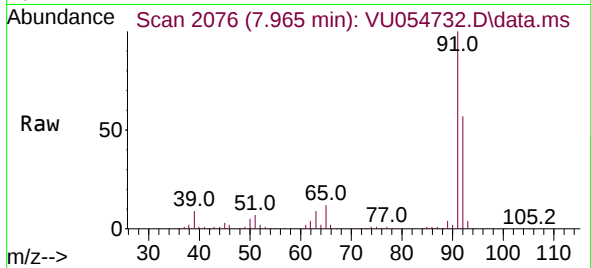




#42
Toluene
Concen: 4.699 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

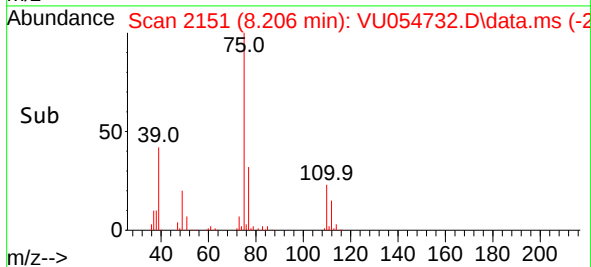
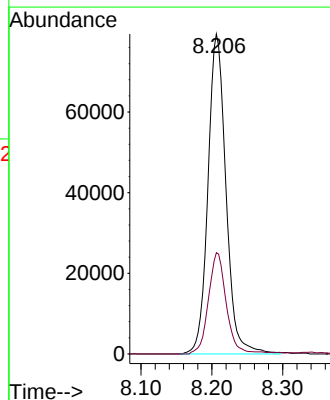
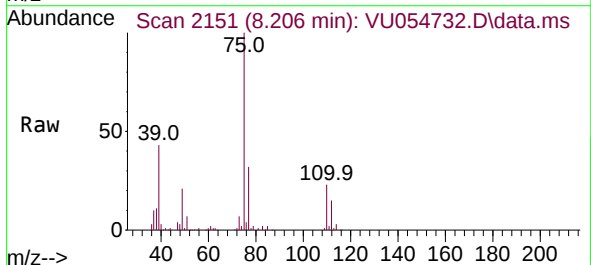
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

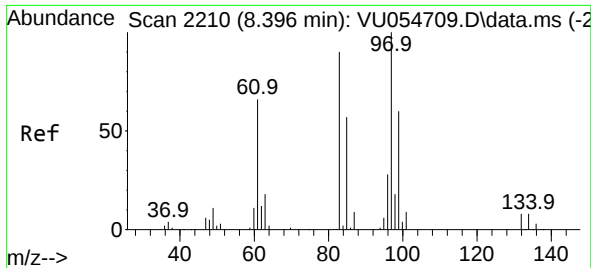
Tgt Ion: 91 Resp: 454998
Ion Ratio Lower Upper
91 100
92 57.0 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 4.969 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 75 Resp: 139954
Ion Ratio Lower Upper
75 100
77 31.6 21.3 39.6

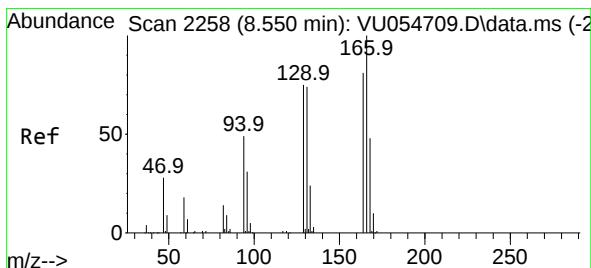
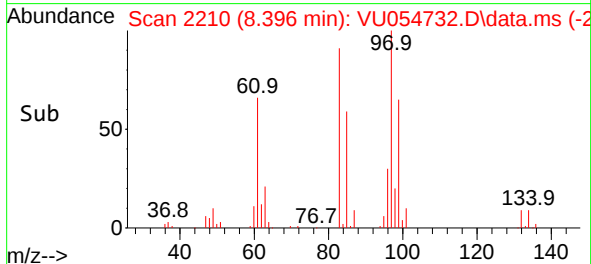
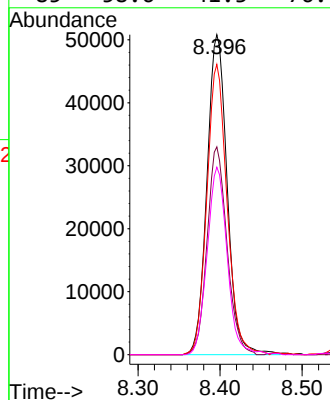
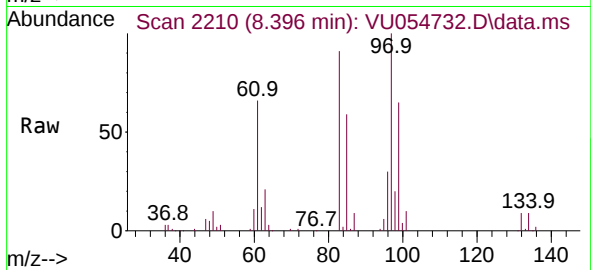




#45
1,1,2-Trichloroethane
Concen: 5.385 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

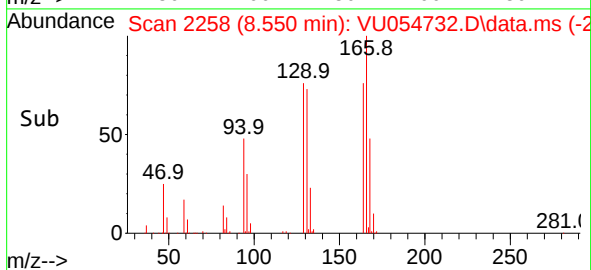
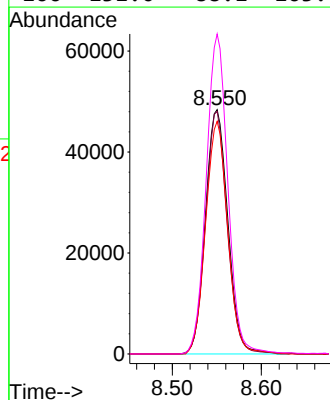
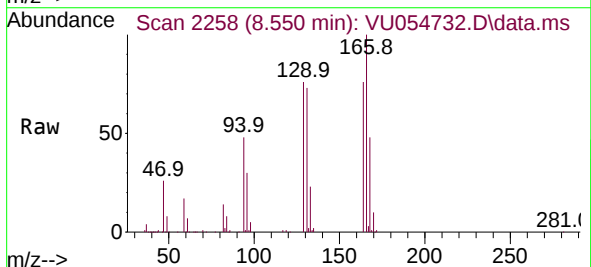
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

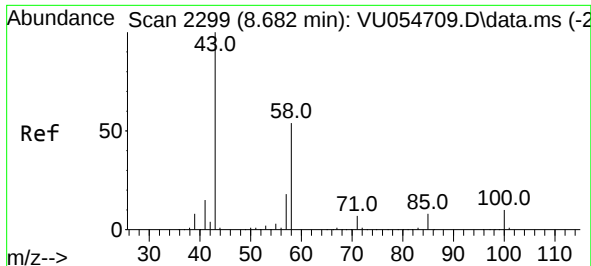
Tgt Ion: 97	Resp: 87093
Ion Ratio	Lower Upper
97 100	
99 64.9	43.0 80.0
83 90.7	63.8 118.6
85 58.6	41.3 76.7



#47
Tetrachloroethene
Concen: 4.449 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt	Ion:164	Resp:	84662
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.7	125.7
131	95.2	64.6	120.0
166	131.0	88.1	163.7



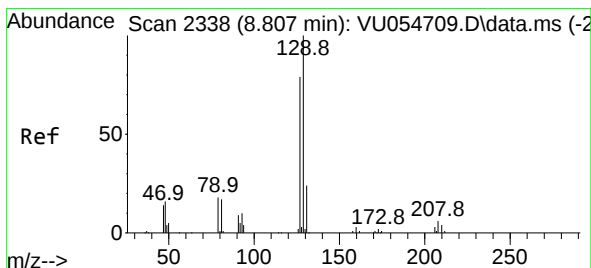
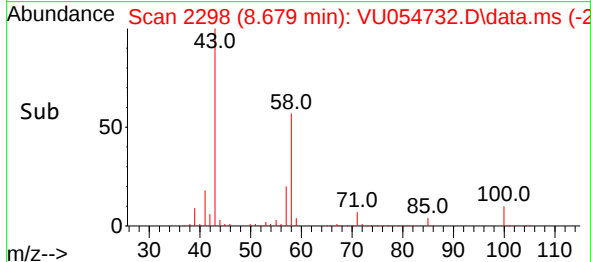
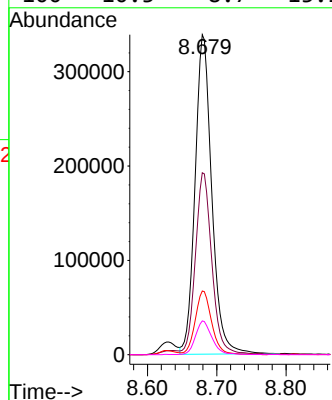
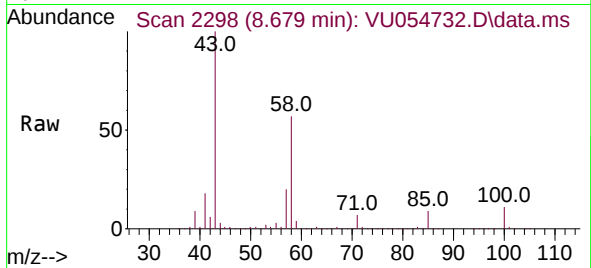


#48
2-Hexanone
Concen: 56.415 ug/L
RT: 8.679 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

Tgt Ion: 43 Resp: 570262

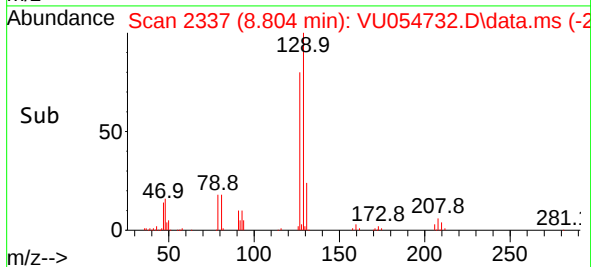
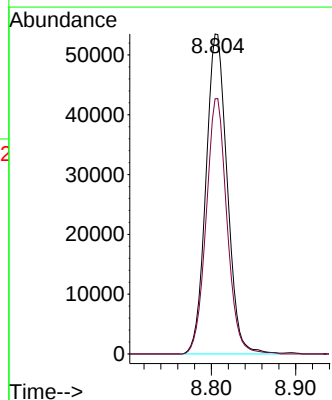
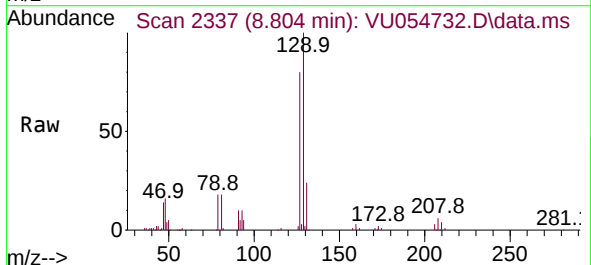
Ion	Ratio	Lower	Upper
43	100		
58	55.2	45.2	67.8
57	19.8	15.8	23.6
100	10.3	8.7	13.1

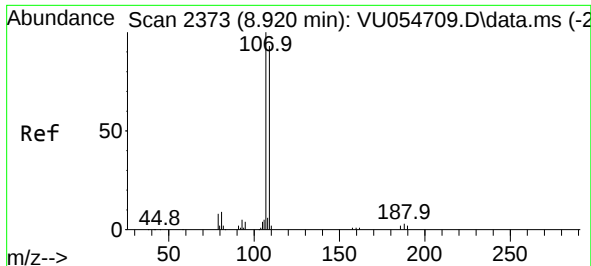


#49
Dibromochloromethane
Concen: 5.531 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 129 Resp: 93927

Ion	Ratio	Lower	Upper
129	100		
127	79.8	53.2	98.8

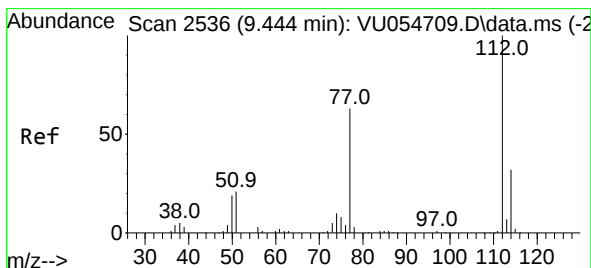
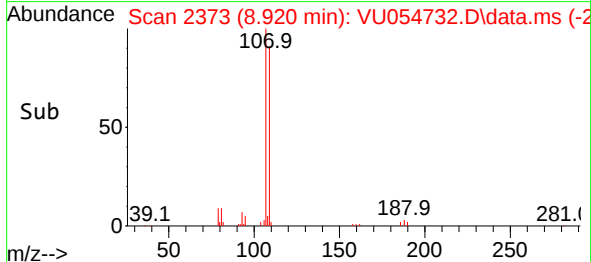
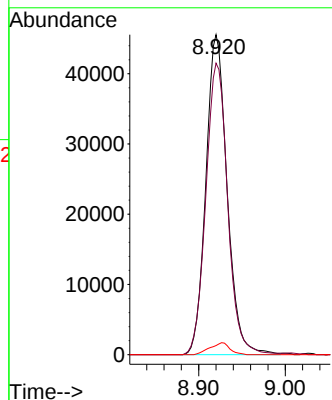
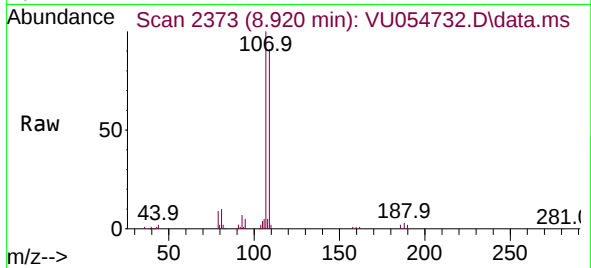




#50
1,2-Dibromoethane
Concen: 5.234 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

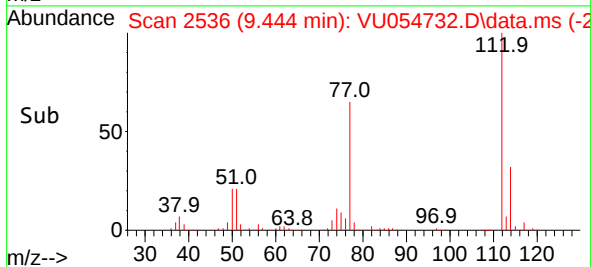
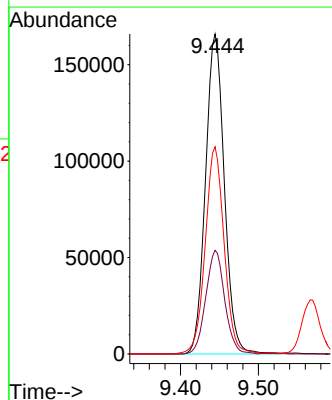
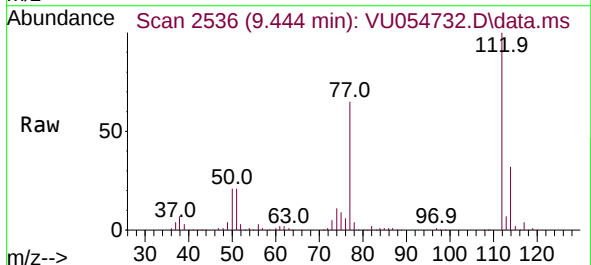
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

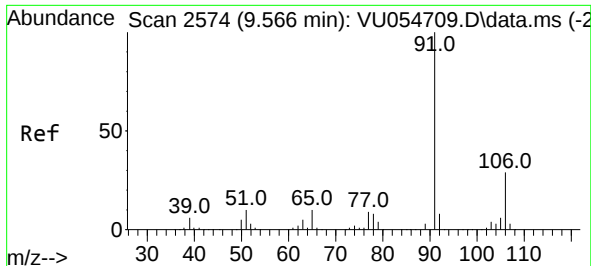
Tgt Ion:107 Resp: 77709
Ion Ratio Lower Upper
107 100
109 91.1 66.6 123.6
188 2.9 3.1 4.7#



#51
Chlorobenzene
Concen: 4.621 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion:112 Resp: 278905
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 64.7 49.8 74.8

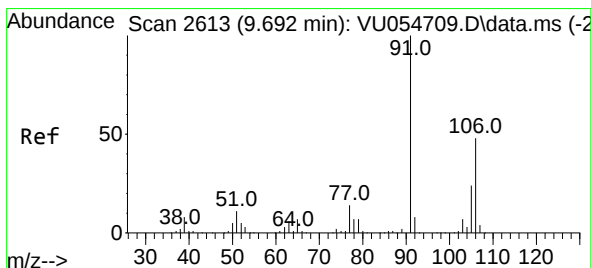
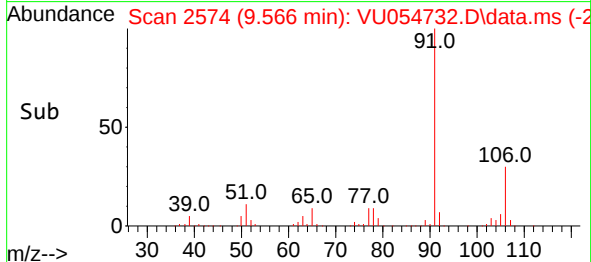
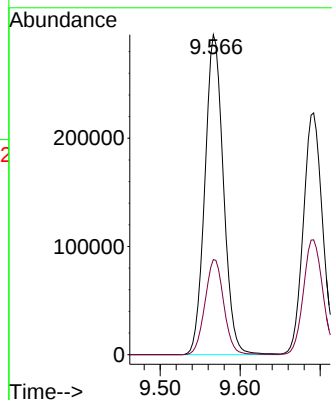
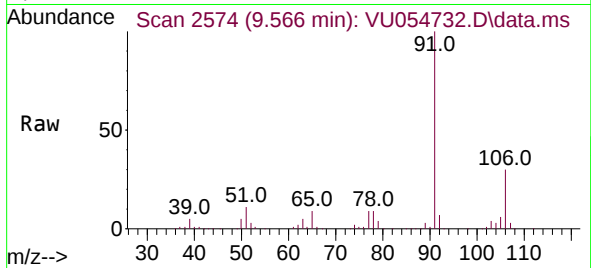




#52
Ethylbenzene
Concen: 4.516 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

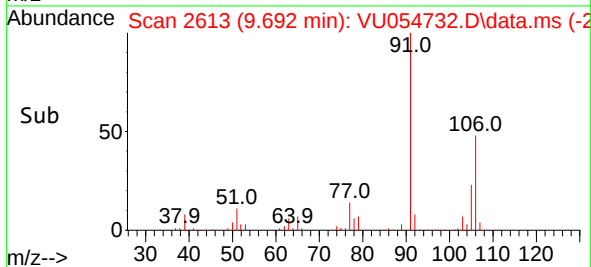
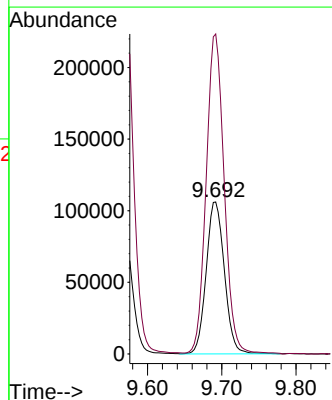
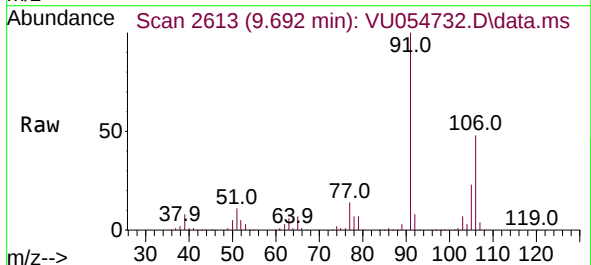
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

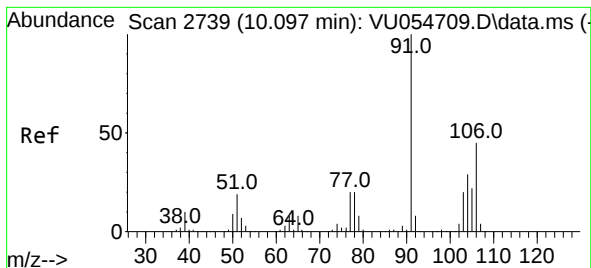
Tgt Ion: 91 Resp: 477556
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.3



#53
m,p-Xylene
Concen: 4.642 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion: 106 Resp: 180337
Ion Ratio Lower Upper
106 100
91 210.5 147.0 273.0





#54

o-Xylene

Concen: 4.674 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

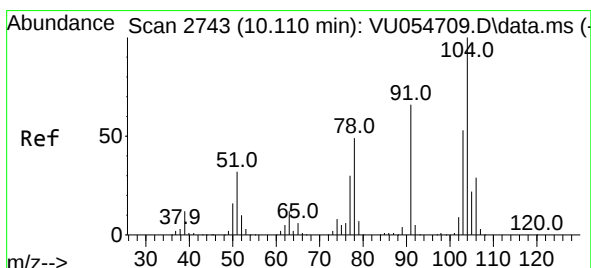
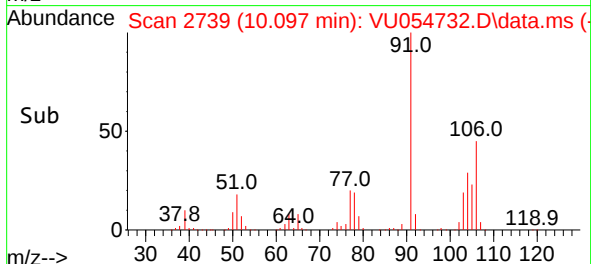
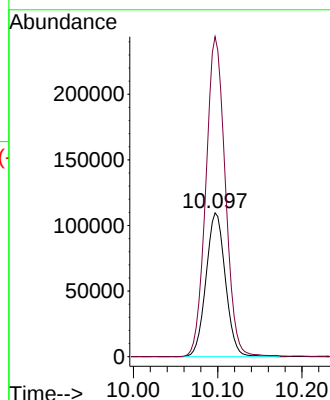
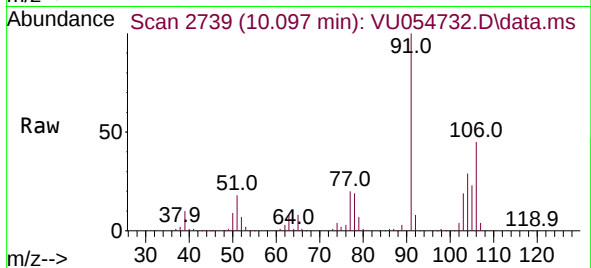
H0FA7MS

Tgt Ion:106 Resp: 175596

Ion Ratio Lower Upper

106 100

91 222.4 154.5 286.9



#55

Styrene

Concen: 4.802 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU054732.D

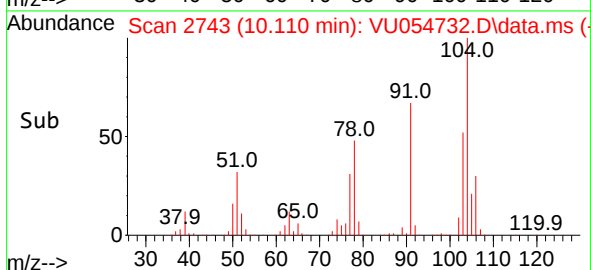
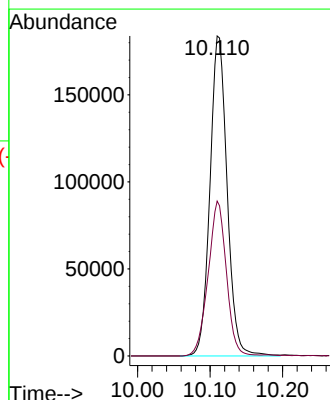
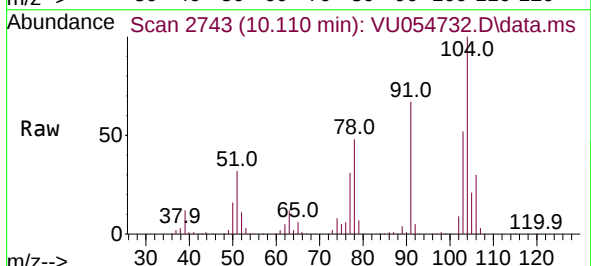
Acq: 30 Jun 2023 19:10

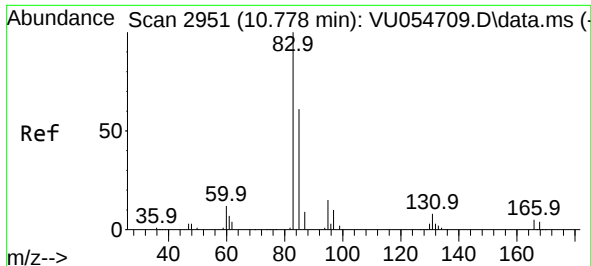
Tgt Ion:104 Resp: 302781

Ion Ratio Lower Upper

104 100

78 48.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.694 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

H0FA7MS

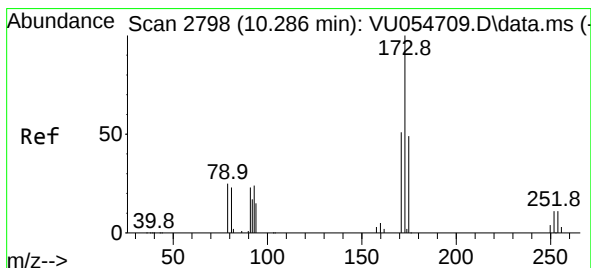
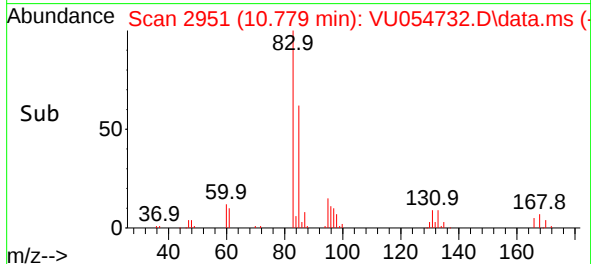
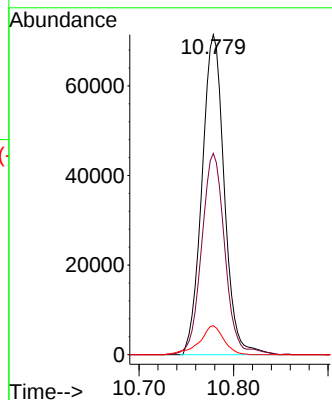
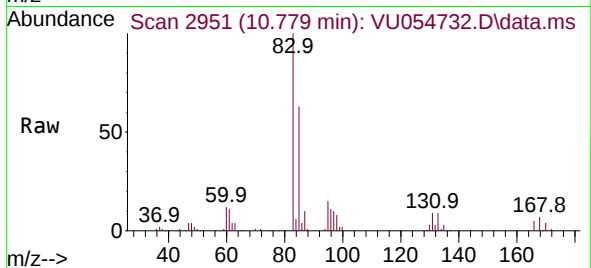
Tgt Ion: 83 Resp: 116959

Ion Ratio Lower Upper

83 100

85 62.9 44.2 82.2

131 9.0 7.0 10.6



#59

Bromoform

Concen: 5.742 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

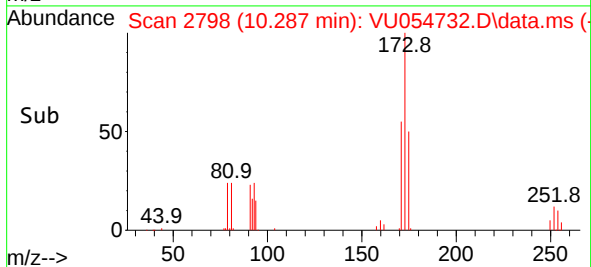
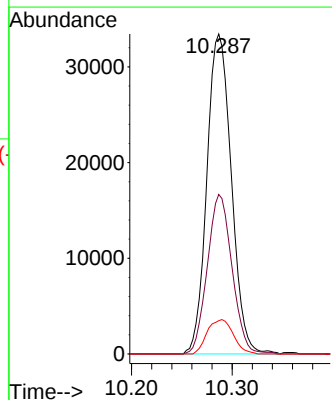
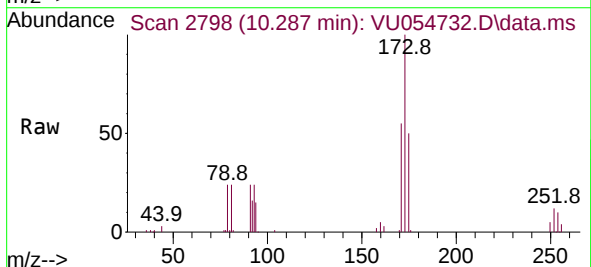
Tgt Ion:173 Resp: 56549

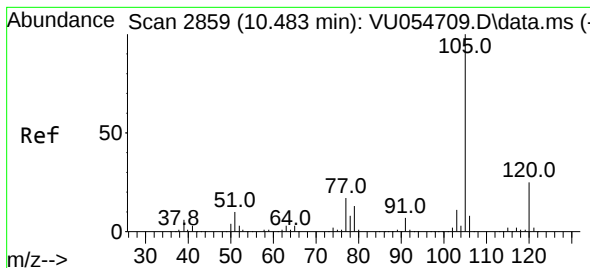
Ion Ratio Lower Upper

173 100

175 50.3 39.4 59.0

254 11.4 8.6 12.8





#60

Isopropylbenzene

Concen: 4.770 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

H0FA7MS

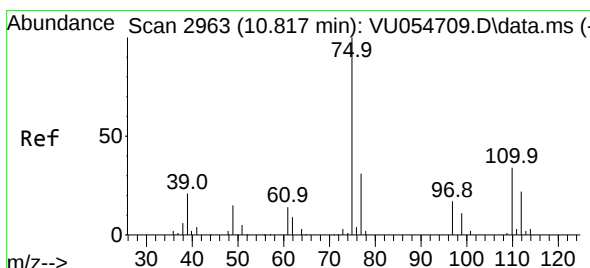
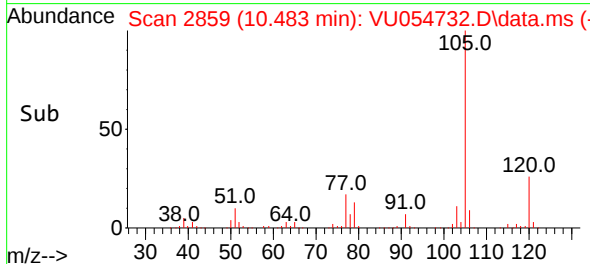
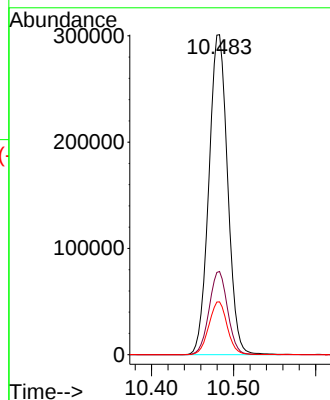
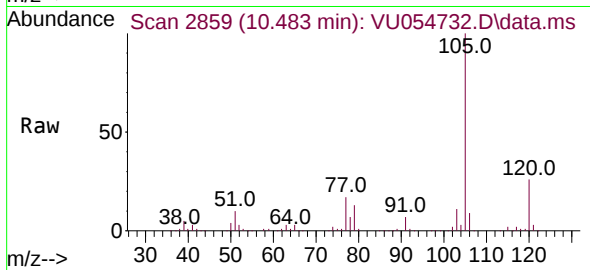
Tgt Ion:105 Resp: 478725

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 16.2 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.600 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

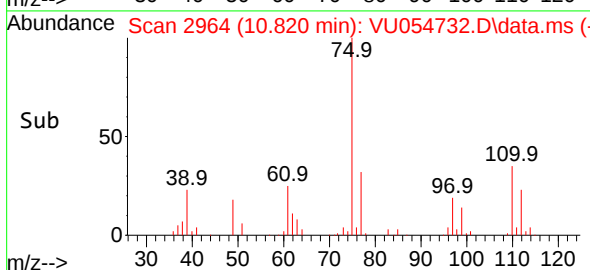
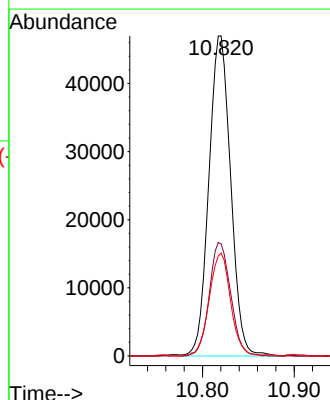
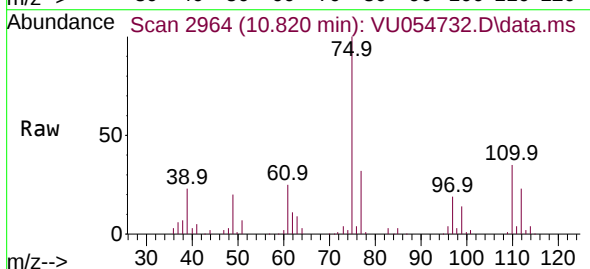
Tgt Ion: 75 Resp: 77632

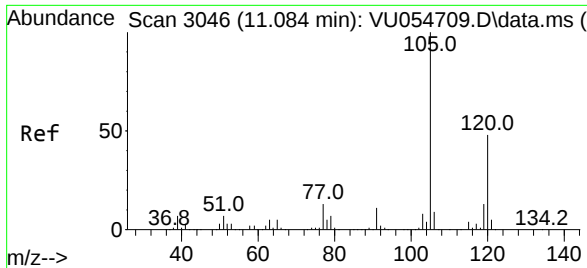
Ion Ratio Lower Upper

75 100

110 34.7 28.0 42.0

77 31.6 25.4 38.2

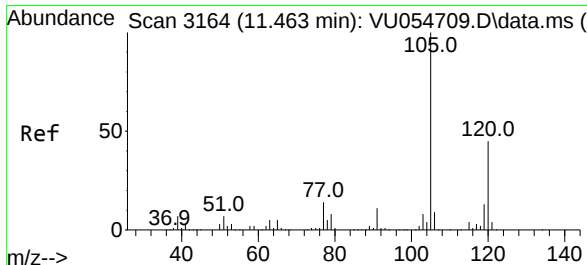
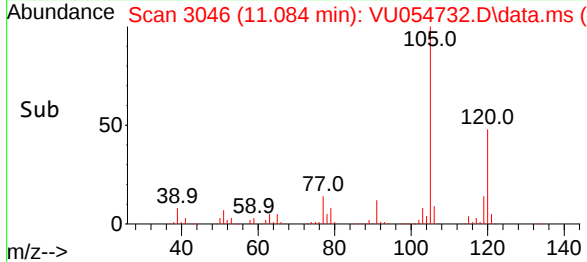
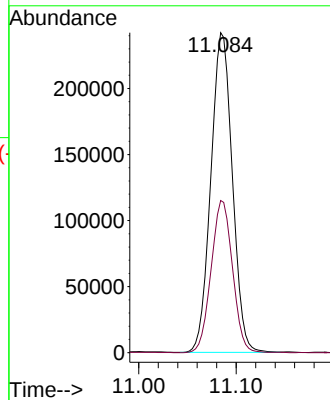
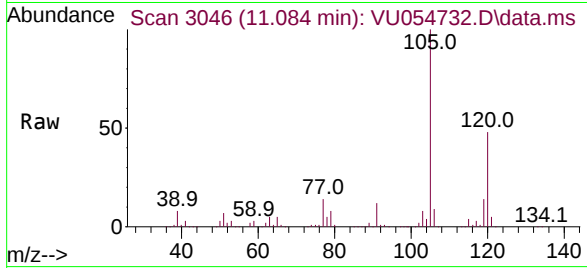




#62
 1,3,5-Trimethylbenzene
 Concen: 4.541 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

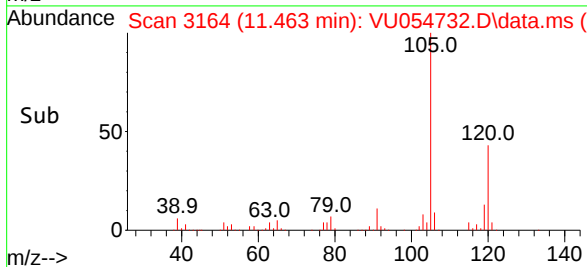
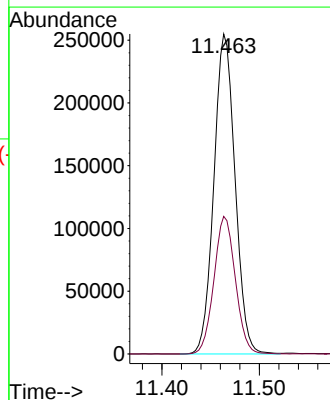
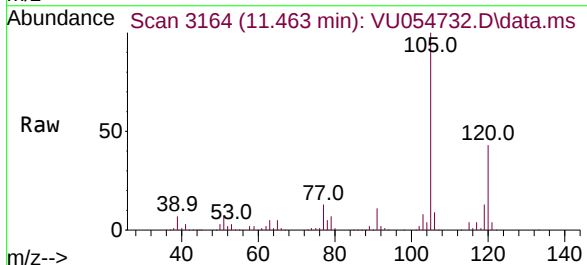
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7MS

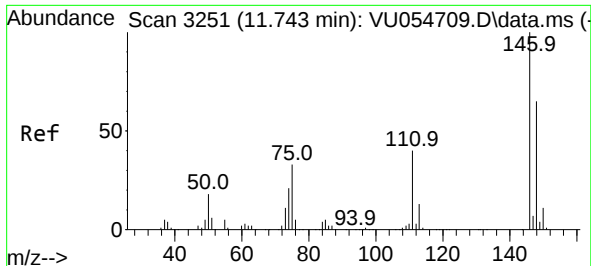
Tgt Ion:105 Resp: 371768
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.626 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

Tgt Ion:105 Resp: 384721
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.4 53.0

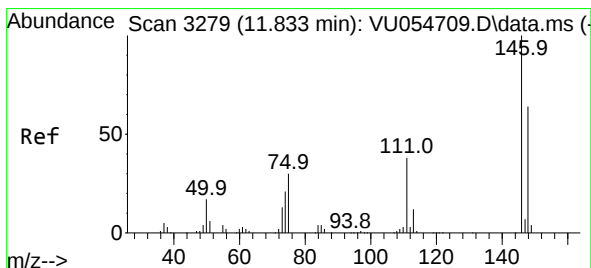
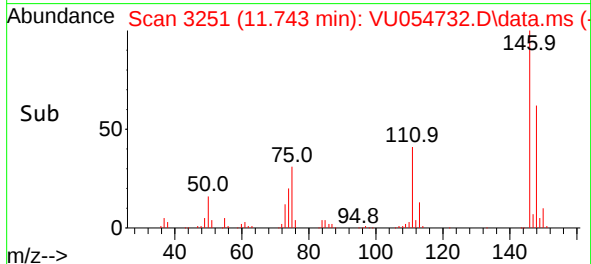
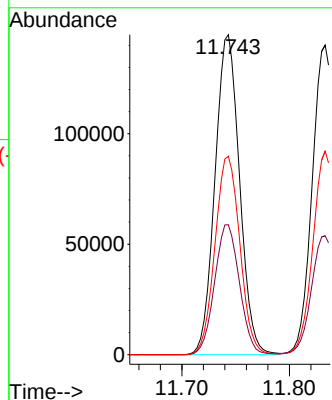
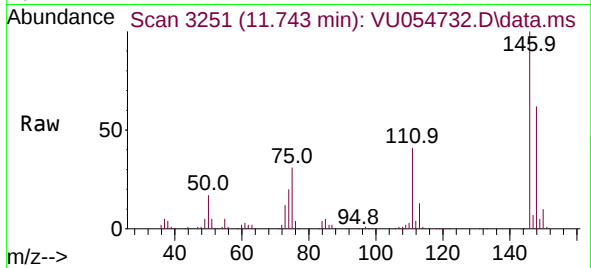




#64
1,3-Dichlorobenzene
Concen: 4.898 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

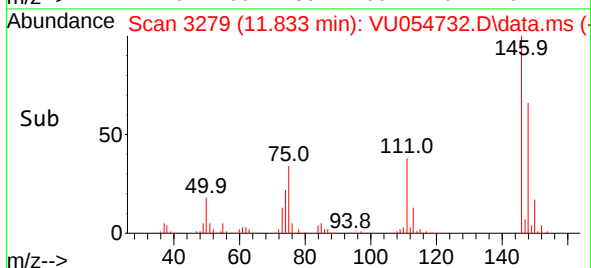
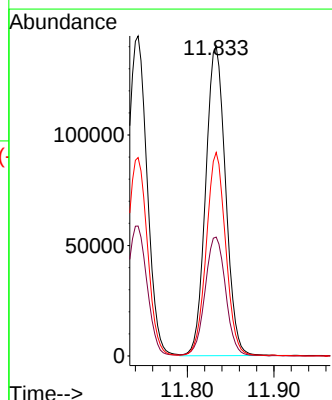
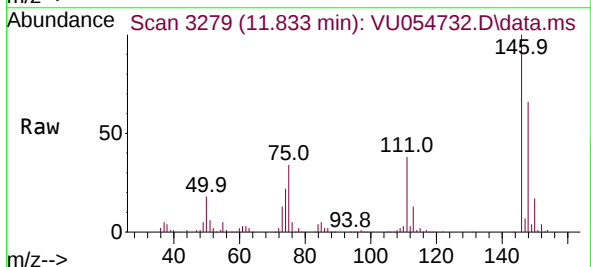
Instrument :
MSVOA_U
ClientSampleId :
H0FA7MS

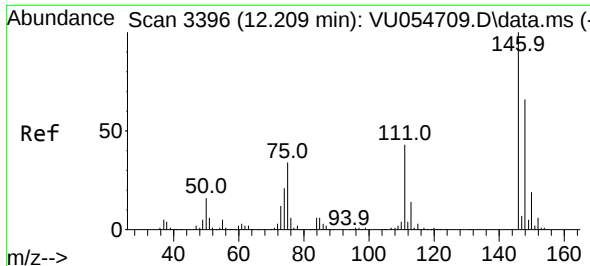
Tgt Ion:146 Resp: 229771
Ion Ratio Lower Upper
146 100
111 40.6 28.9 53.7
148 62.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.753 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054732.D
Acq: 30 Jun 2023 19:10

Tgt Ion:146 Resp: 223737
Ion Ratio Lower Upper
146 100
111 38.4 28.0 52.0
148 65.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.005 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

H0FA7MS

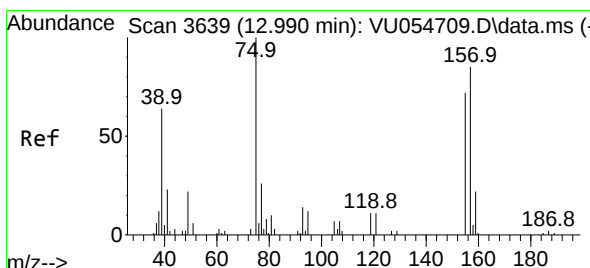
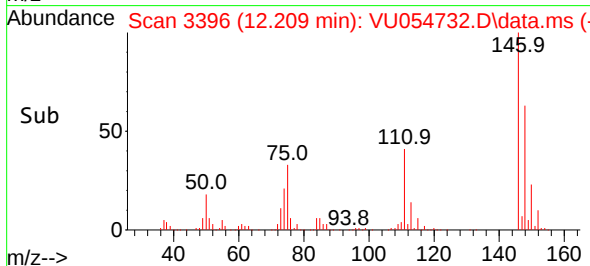
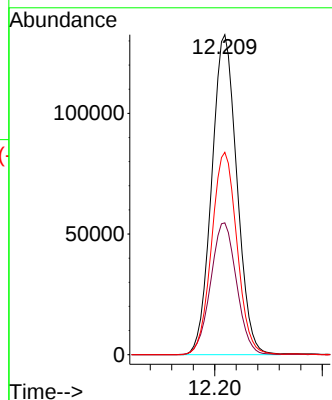
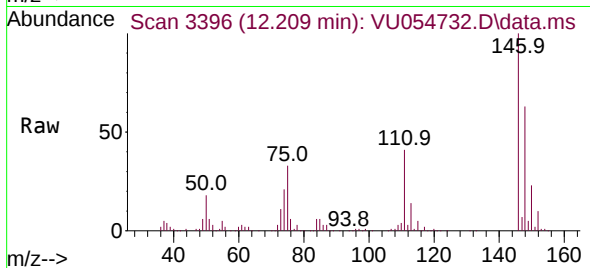
Tgt Ion:146 Resp: 215910

Ion Ratio Lower Upper

146 100

111 41.2 34.5 51.7

148 63.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.115 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

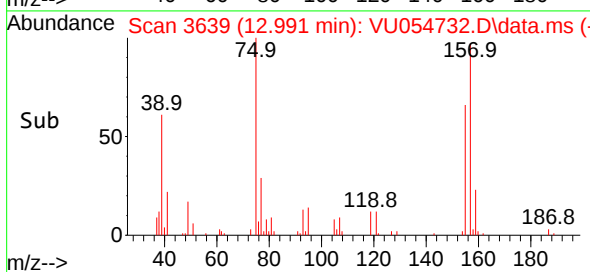
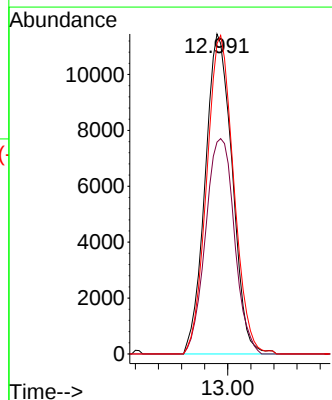
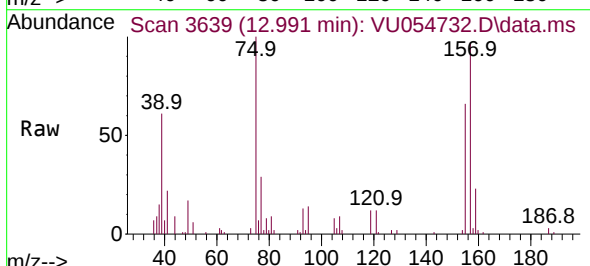
Tgt Ion: 75 Resp: 18629

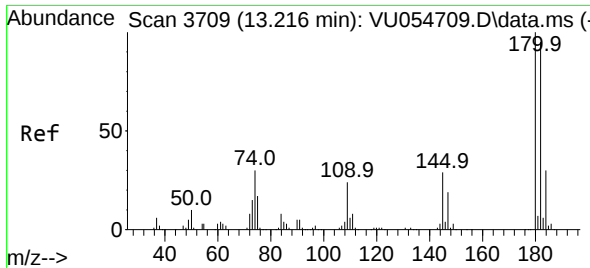
Ion Ratio Lower Upper

75 100

155 66.2 65.7 98.5

157 97.0 84.2 126.2



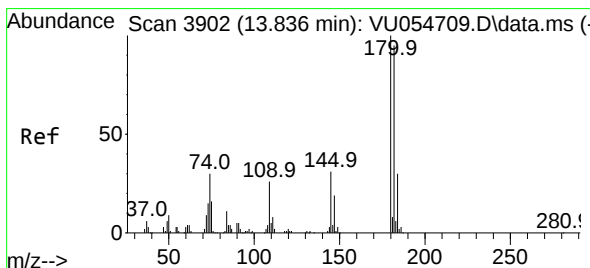
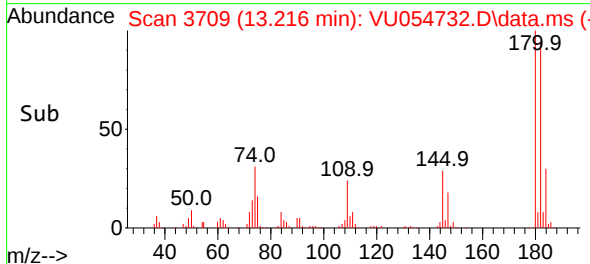
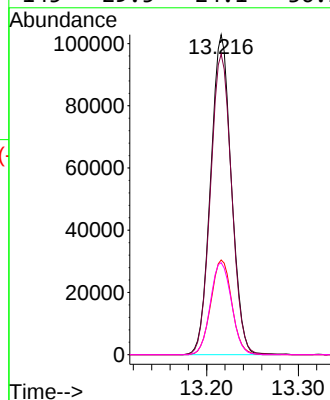
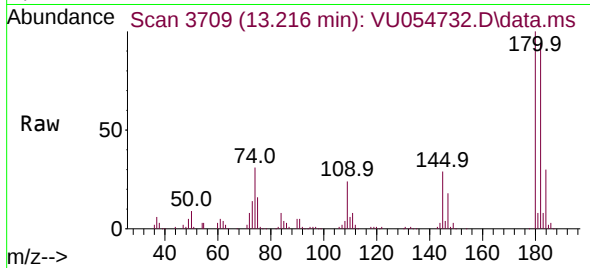


#69
 1,3,5-Trichlorobenzene
 Concen: 4.551 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7MS

Tgt Ion:180 Resp: 161073

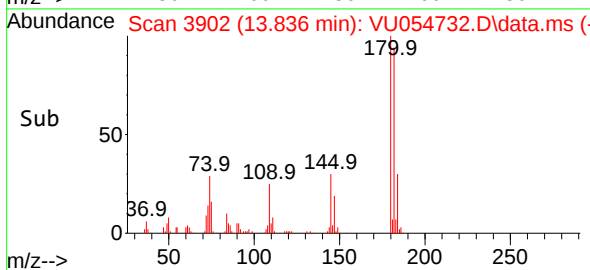
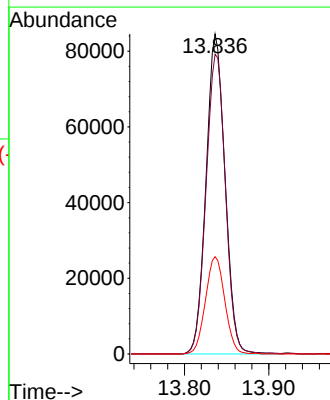
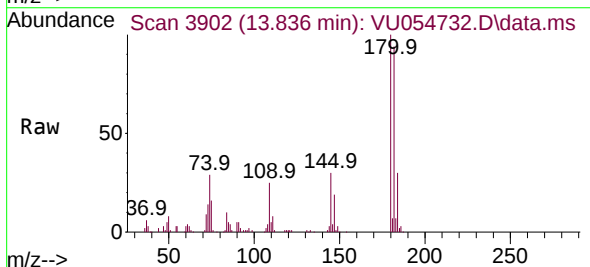
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.0	112.6
184	29.9	24.1	36.1
145	29.5	24.1	36.1

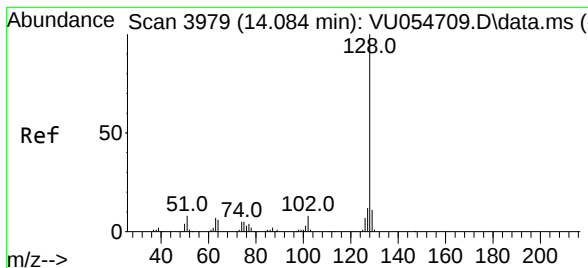


#70
 1,2,4-trichlorobenzene
 Concen: 4.538 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU054732.D
 Acq: 30 Jun 2023 19:10

Tgt Ion:180 Resp: 132806

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.6	114.8
145	30.9	24.0	36.0





#71

Naphthalene

Concen: 4.670 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Instrument :

MSVOA_U

ClientSampleId :

H0FA7MS

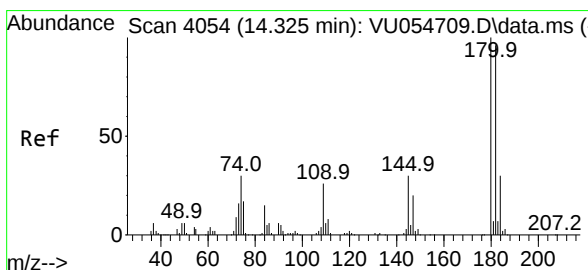
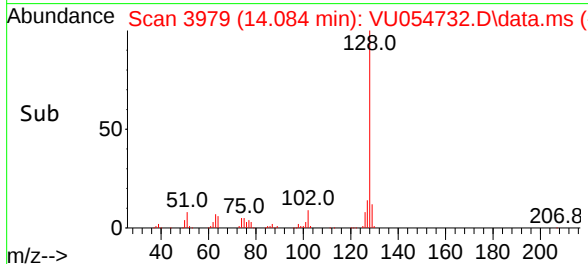
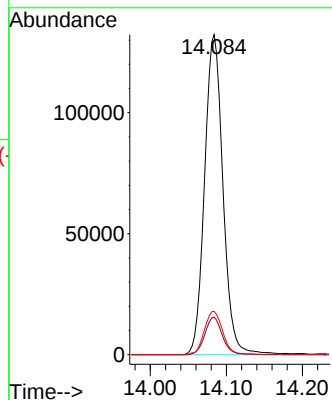
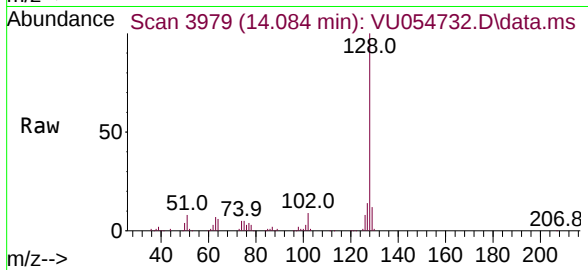
Tgt Ion:128 Resp: 222250

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.6 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.997 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054732.D

Acq: 30 Jun 2023 19:10

Tgt Ion:180 Resp: 125647

Ion Ratio Lower Upper

180 100

182 93.7 75.4 113.2

145 30.7 26.0 39.0

