

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060398.D
 Acq On : 10 Aug 2024 03:54
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 10 06:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	105478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	107734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30485	3.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	31084	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	13589	3.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.640	46	94307	53.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.055	84	75267	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	35303	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	140896	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.685	67	46570	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	127215	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	14716	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.631	63	75167	51.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40799	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	48693	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	28871	5.074	ug/L	95
3) Chloromethane	1.518	50	36135	5.106	ug/L	96
5) Vinyl chloride	1.602	62	42419	5.119	ug/L	98
6) Bromomethane	1.856	94	29656	5.054	ug/L	97
8) Chloroethane	1.930	64	28167	5.012	ug/L	99
9) Trichlorofluoromethane	2.132	101	61162	5.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	37904	4.951	ug/L	100
12) 1,1-Dichloroethene	2.573	96	35431	5.094	ug/L	89
13) Acetone	2.653	43	55497	46.252	ug/L	99
14) Carbon disulfide	2.788	76	82709	4.714	ug/L	99
15) Methyl Acetate	2.962	43	15241	6.131	ug/L	91
16) Methylene chloride	3.039	84	43757	4.426	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	88677	5.408	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34201	5.013	ug/L	97
19) 1,1-Dichloroethane	3.862	63	74746	5.306	ug/L	99
21) 2-Butanone	4.718	43	95012	53.128	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	42968	5.217	ug/L	97
23) Bromochloromethane	4.972	128	19966	5.252	ug/L	93
25) Chloroform	5.078	83	79542	5.191	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	46677	5.727	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	62918	5.335	ug/L	98
30) Cyclohexane	5.380	56	48592	5.090	ug/L	98
31) Carbon tetrachloride	5.515	117	55211	5.342	ug/L	99
33) Benzene	5.766	78	167271	5.393	ug/L	100
34) Trichloroethene	6.537	95	48207	5.937	ug/L	98
35) Methylcyclohexane	6.756	83	50387	4.753	ug/L	99
37) 1,2-Dichloropropane	6.785	63	47374	5.612	ug/L	98
38) Bromodichloromethane	7.100	83	56824	5.446	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	56493	4.927	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	233676	59.301	ug/L	99
42) Toluene	7.962	91	180094	5.495	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	49152	5.189	ug/L	91
45) 1,1,2-Trichloroethane	8.393	97	35118	5.432	ug/L	99
47) Tetrachloroethene	8.547	164	31687	4.989	ug/L	97
48) 2-Hexanone	8.679	43	173671	58.138	ug/L	99
49) Dibromochloromethane	8.804	129	38021	5.531	ug/L	95
50) 1,2-Dibromoethane	8.917	107	32167	5.589	ug/L	100
51) Chlorobenzene	9.441	112	114949	5.199	ug/L	94
52) Ethylbenzene	9.563	91	178595	5.172	ug/L	100
53) m,p-Xylene	9.688	106	66519	5.069	ug/L	100
54) o-Xylene	10.094	106	67217	5.353	ug/L	98
55) Styrene	10.110	104	118938	5.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	45955	5.716	ug/L	98
59) Bromoform	10.283	173	23640	5.523	ug/L	97
60) Isopropylbenzene	10.479	105	180906	5.315	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	30405	5.572	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	136591	5.213	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	139120	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	94059	5.423	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	89795	5.136	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	86462	5.279	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5959	5.825	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	63835	4.870	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	48374	4.701	ug/L	99
71) Naphthalene	14.081	128	91431	6.248	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	63141	6.848	ug/L	100

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

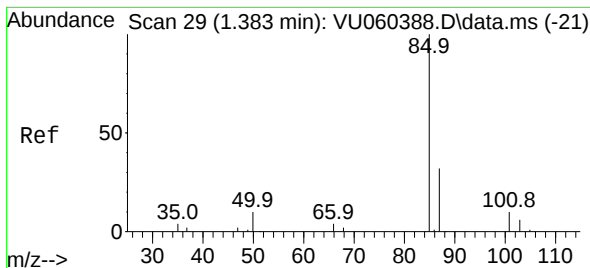
Abundance

TIC: VU060398.D\data.ms

Time-->

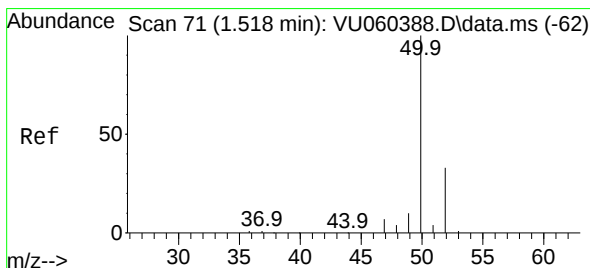
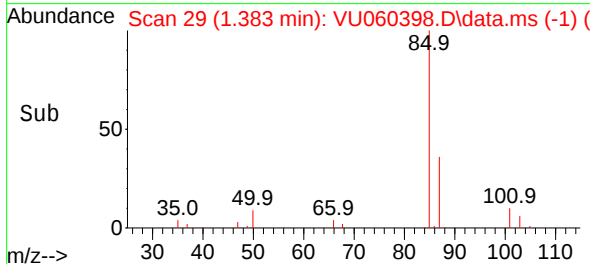
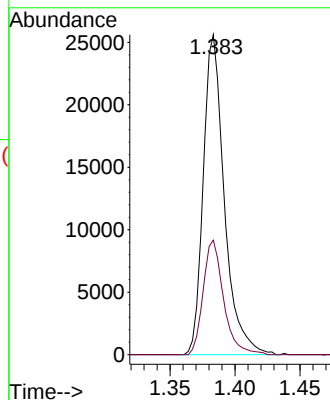
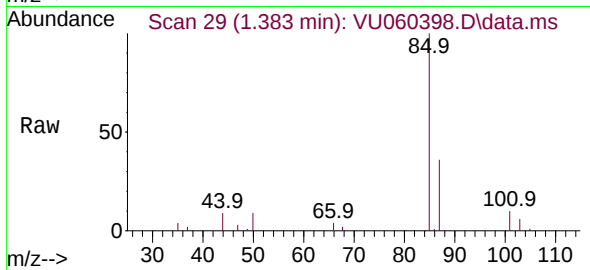
Chemical compounds identified in the chromatogram (from left to right):

- Dichlorodifluoromethane, T
- Chloromethane, I
- Vinyl chloride-d3, S
- Chloroethane, T
- Trichlorofluoromethane, T
- Acetone, I
- Carbon disulfide, T
- Methyl acetate, T
- Methylene chloride, T
- 1,1-Dichloroethane, T
- 1,1-Dichloroethane-d2, S
- 1,1,1-Trichloroethane, T
- 1,1,2-Trichloroethane, T
- Carbon tetrachloride, I
- 1,2-Dichloroethane, T
- 1,2-Dichloroethane-d2, S
- Benzene-d6, S
- Benzene, T
- 1,4-Difluorobenzene, I
- Trichloroethene, T
- 1,2-Dichloropropane-d2, S
- 1,2-Dichloropropane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- trans-1,3-Dichloropropene, T
- 1,1,2-Trichloroethane, T
- Tetrachloroethene, T
- 1,2-Dibromomethane, I
- Dibromochloromethane, T
- Chlorobenzene, T
- 1,2,3-Trichlorobenzene, T
- m,p-Xylene, I
- Ethylbenzene, T
- 4-Methyl-2-pentanone, T
- Toluene, T
- 2-Hexanone, T
- 2-Hexanone-d5, S
- Styrene, T
- Xylene, T
- Isopropylbenzene
- 1,3,5-Trimethylbenzene
- 1,2,4-Trimethylbenzene
- 1,3,4-Trichlorobenzene, T
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,2-Dichlorobenzene-d2, S
- 1,3,5-Trichlorobenzene, MA
- 1,2,3-Trichlorobenzene, T
- 1,2,4-trichlorobenzene, T
- Naphthalene, MA
- 1,2-Dibromo-3-chloropropane, T



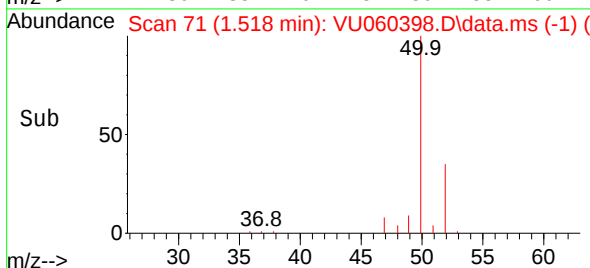
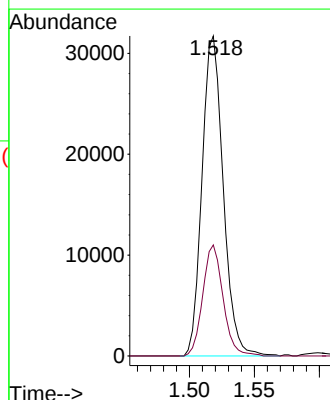
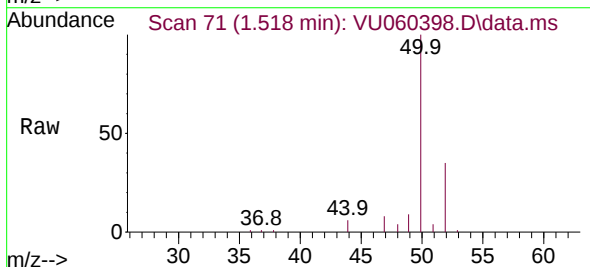
#2
 Dichlorodifluoromethane
 Concen: 5.074 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060398.D
 Acq: 10 Aug 2024 03:54

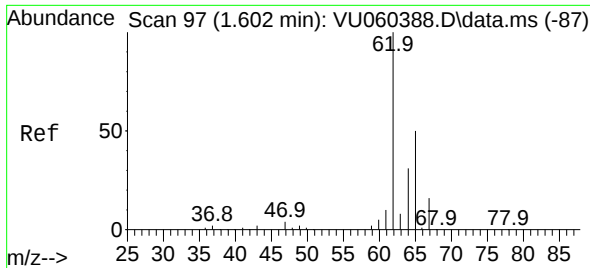
Tgt Ion: 85 Resp: 28871
 Ion Ratio Lower Upper
 85 100
 87 34.8 25.7 38.5



#3
 Chloromethane
 Concen: 5.106 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060398.D
 Acq: 10 Aug 2024 03:54

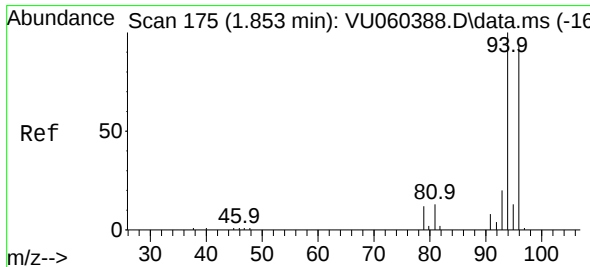
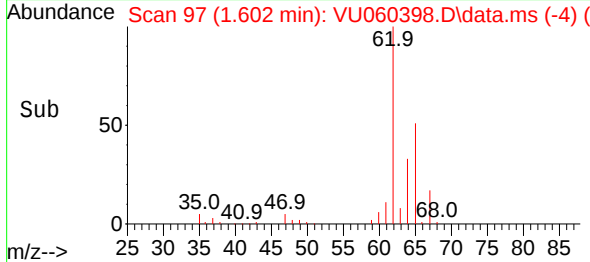
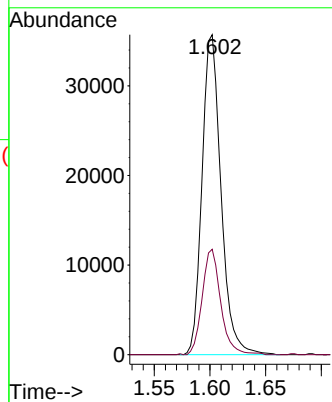
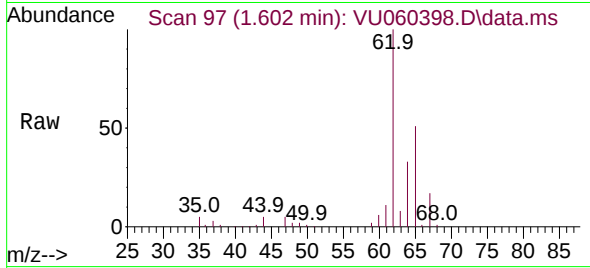
Tgt Ion: 50 Resp: 36135
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.8 42.4





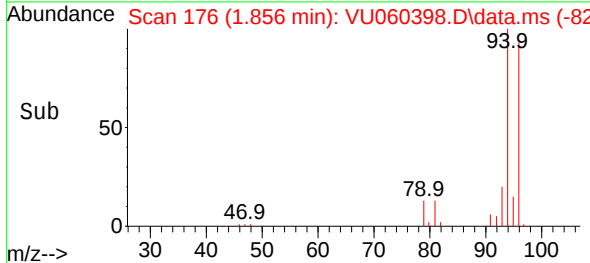
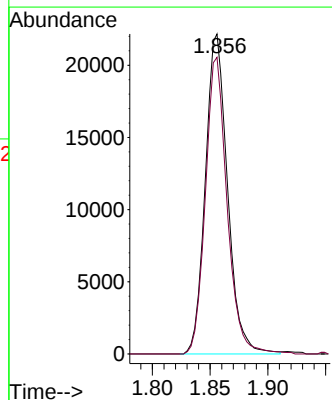
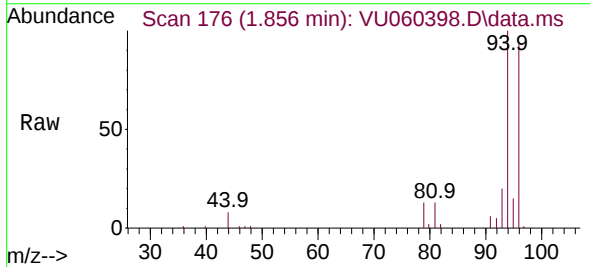
#5
 Vinyl chloride
 Concen: 5.119 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU060398.D
 Acq: 10 Aug 2024 03:54

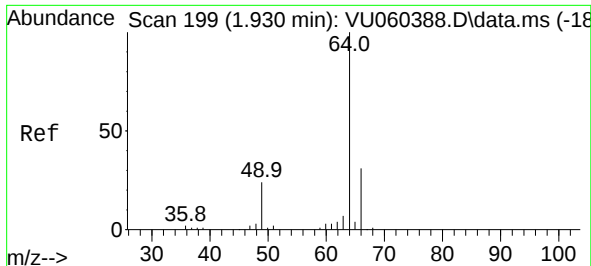
Tgt Ion: 62 Resp: 42419
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.1 44.7



#6
 Bromomethane
 Concen: 5.054 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU060398.D
 Acq: 10 Aug 2024 03:54

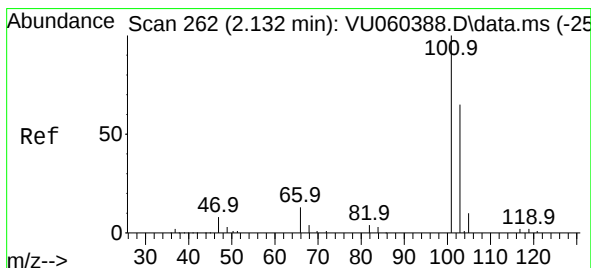
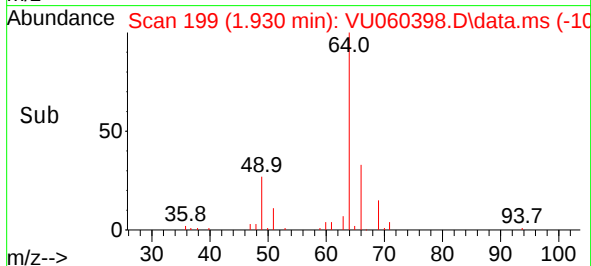
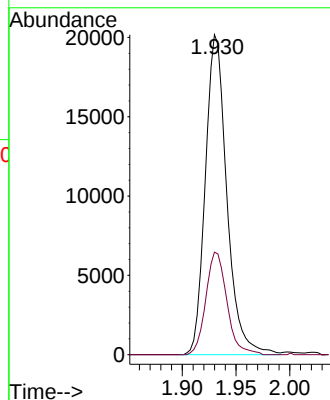
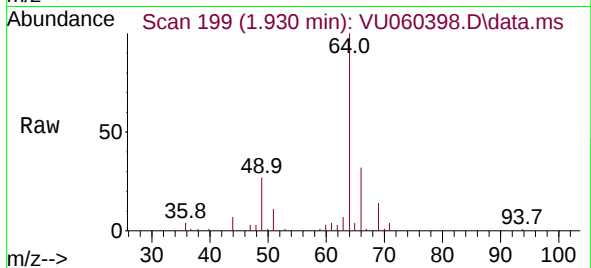
Tgt Ion: 94 Resp: 29656
 Ion Ratio Lower Upper
 94 100
 96 92.7 63.2 117.4





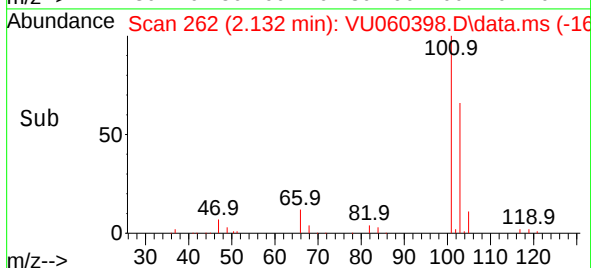
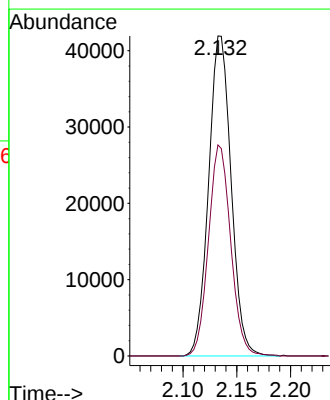
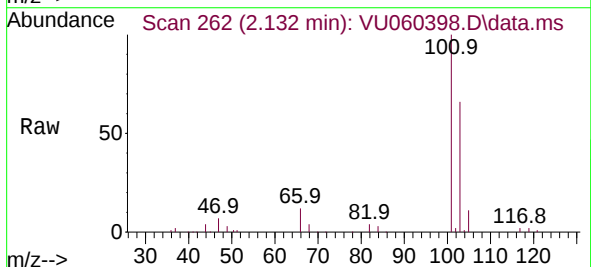
#8
Chloroethane
Concen: 5.012 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

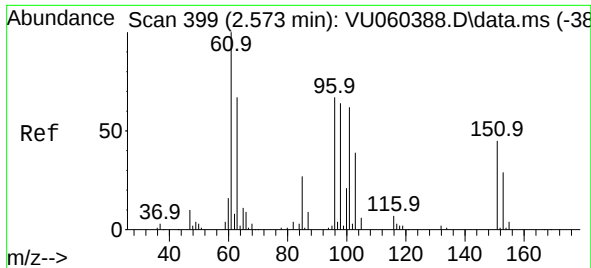
Tgt Ion: 64 Resp: 28167
Ion Ratio Lower Upper
64 100
66 32.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.265 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

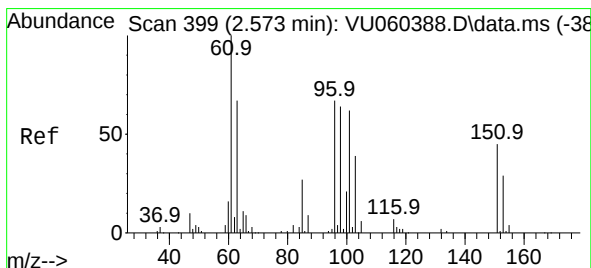
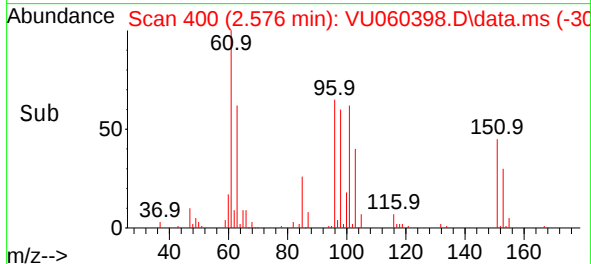
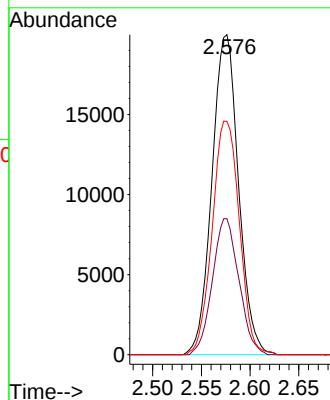
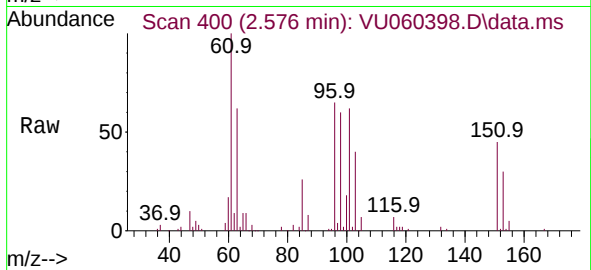
Tgt Ion:101 Resp: 61162
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5





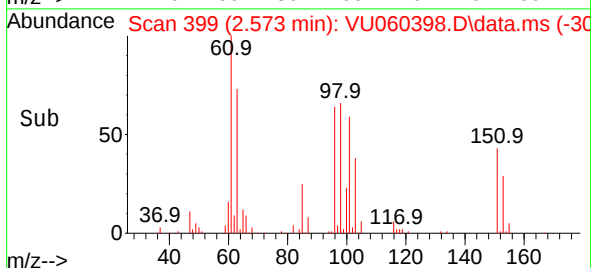
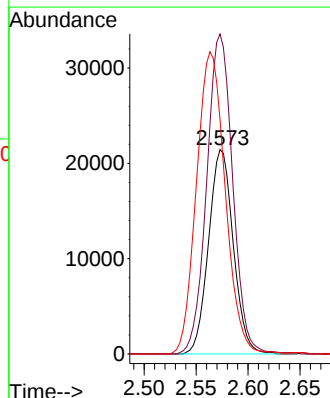
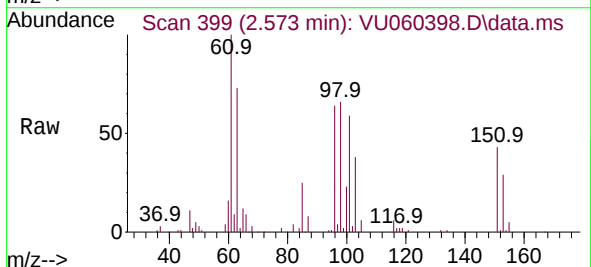
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.951 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

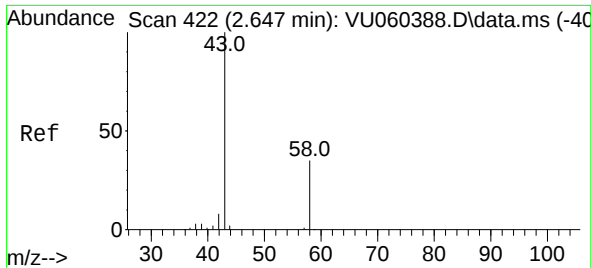
Tgt Ion:101 Resp: 37904
Ion Ratio Lower Upper
101 100
85 42.3 33.5 50.3
151 74.5 59.7 89.5



#12
1,1-Dichloroethene
Concen: 5.094 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

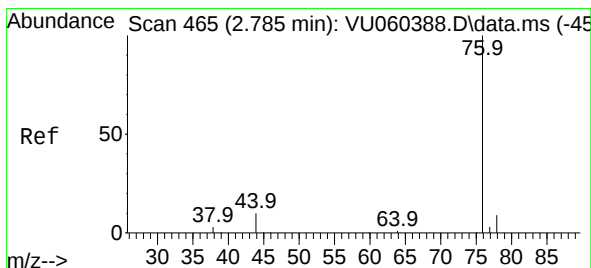
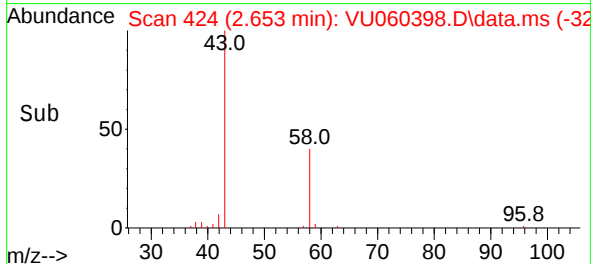
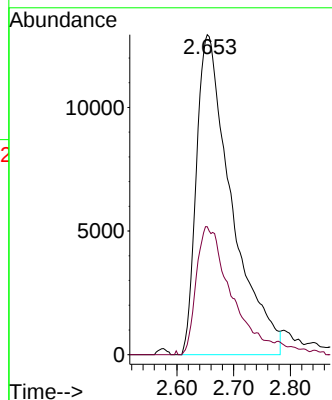
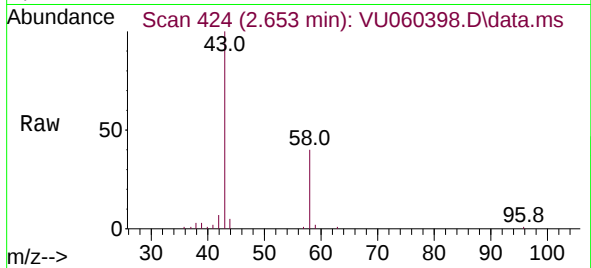
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Ion Ratio Lower Upper
96 100
61 156.6 114.4 212.4
63 114.7 96.0 178.4





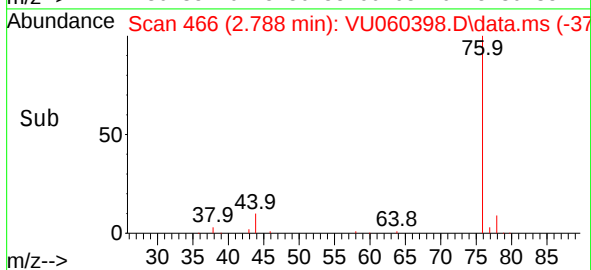
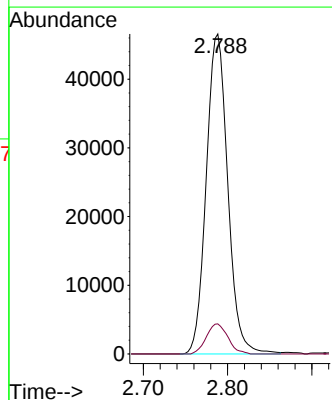
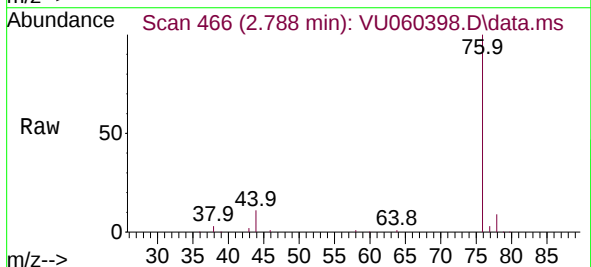
#13
Acetone
Concen: 46.252 ug/L
RT: 2.653 min Scan# 424
Delta R.T. 0.006 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

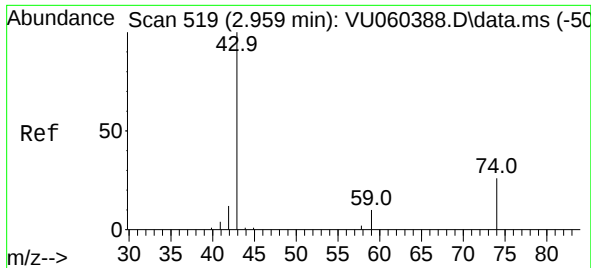
Tgt Ion: 43 Resp: 55497
Ion Ratio Lower Upper
43 100
58 39.8 0.0 78.8



#14
Carbon disulfide
Concen: 4.714 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

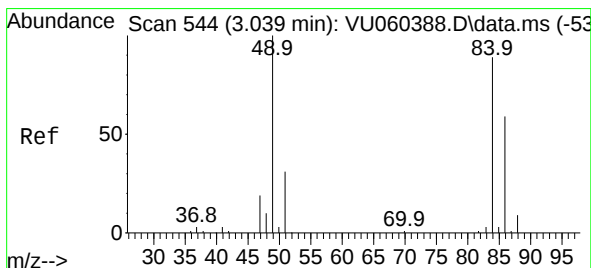
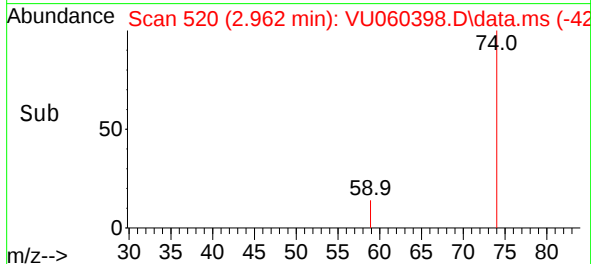
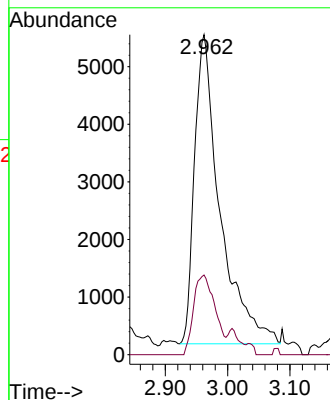
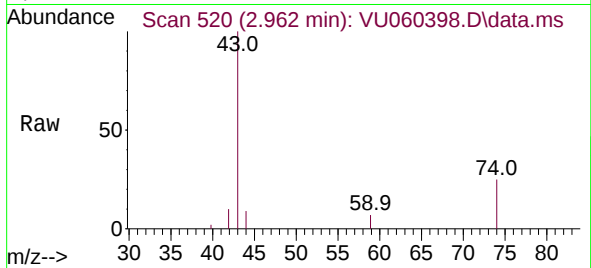
Tgt Ion: 76 Resp: 82709
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





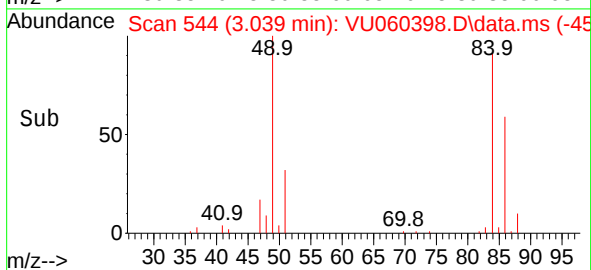
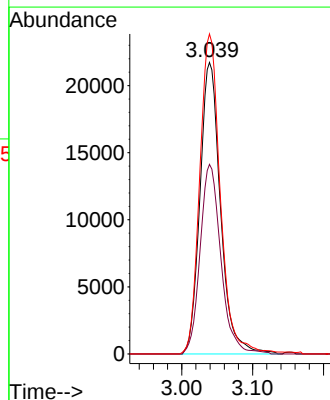
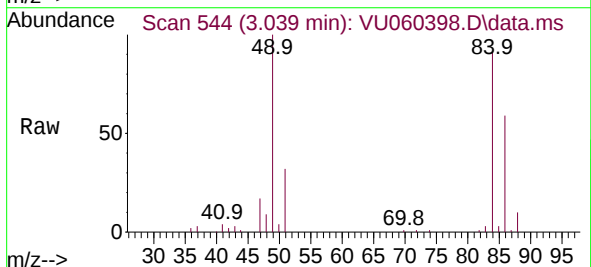
#15
Methyl Acetate
Concen: 6.131 ug/L
RT: 2.962 min Scan# 520
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

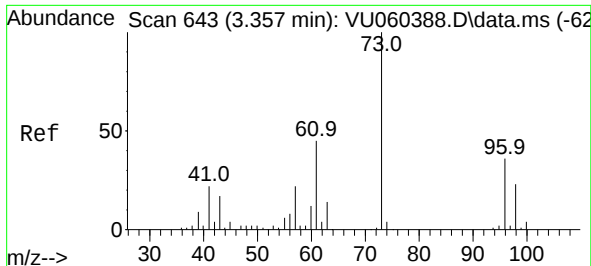
Tgt Ion: 43 Resp: 15241
Ion Ratio Lower Upper
43 100
74 21.9 21.3 31.9



#16
Methylene chloride
Concen: 4.426 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

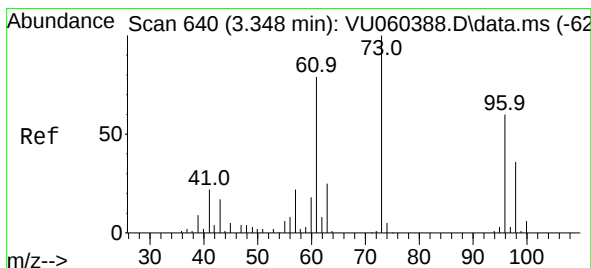
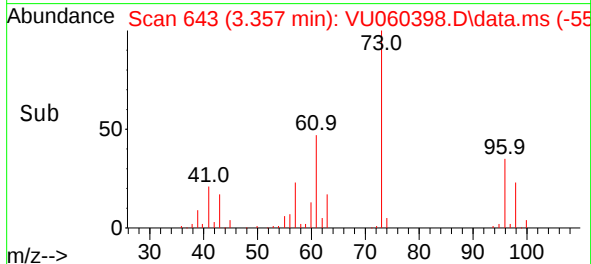
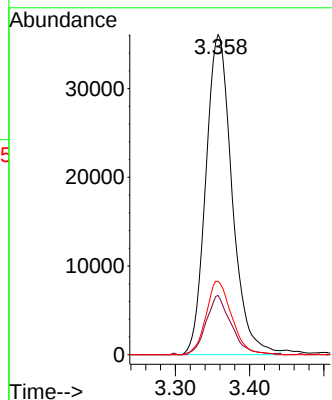
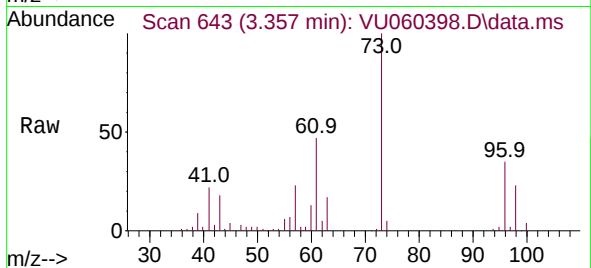
Tgt Ion: 84 Resp: 43757
Ion Ratio Lower Upper
84 100
86 65.0 47.1 87.5
49 109.8 73.9 137.3





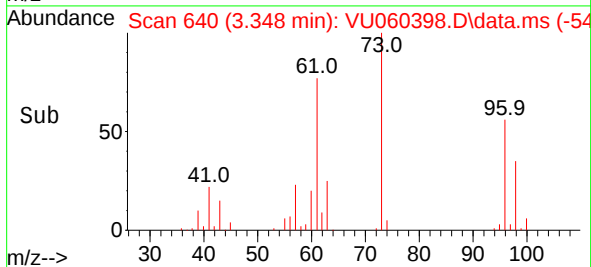
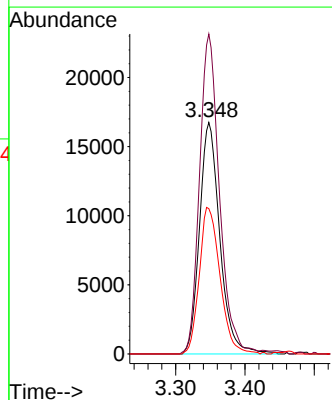
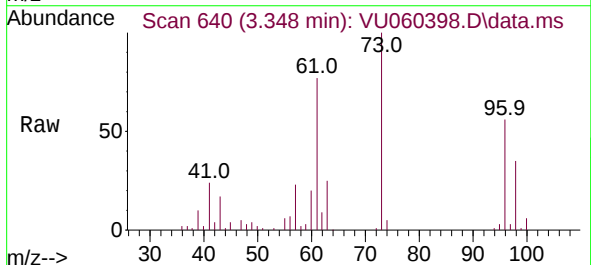
#17
Methyl tert-butyl Ether
Concen: 5.408 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

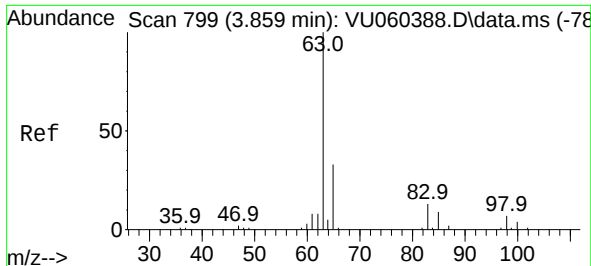
Tgt Ion:	73	Resp:	88677
Ion Ratio	Lower	Upper	
73	100		
43	17.6	12.8	19.2
57	22.4	17.5	26.3



#18
trans-1,2-Dichloroethene
Concen: 5.013 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

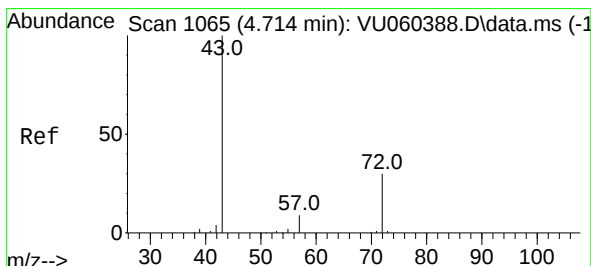
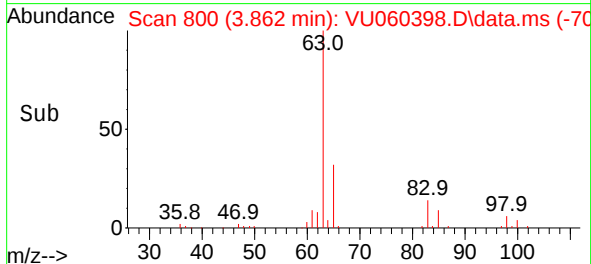
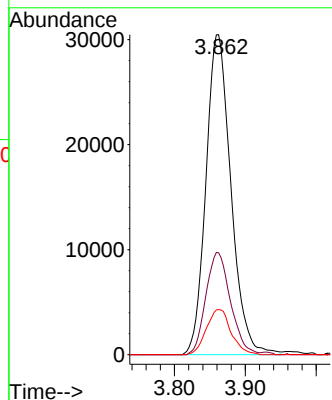
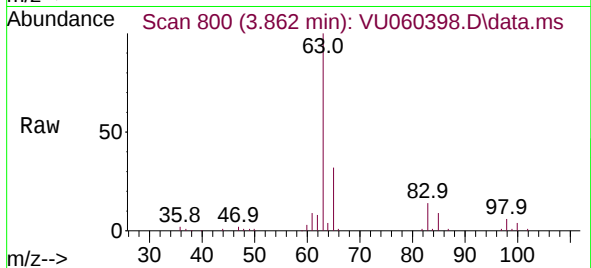
Tgt Ion:	96	Resp:	34201
Ion Ratio	Lower	Upper	
96	100		
61	138.2	93.7	174.1
98	62.7	44.7	82.9





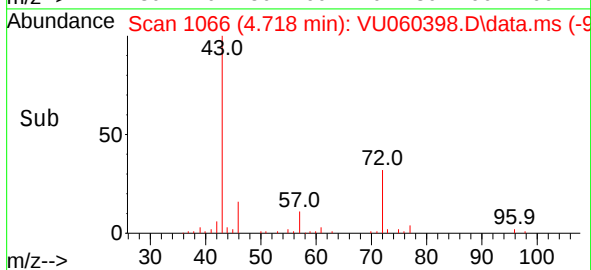
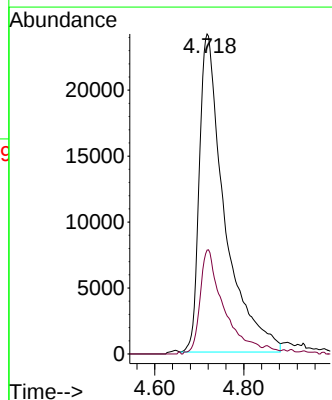
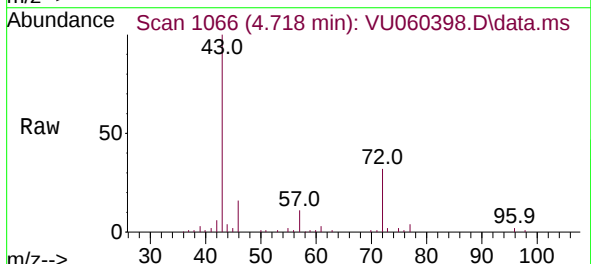
#19
1,1-Dichloroethane
Concen: 5.306 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

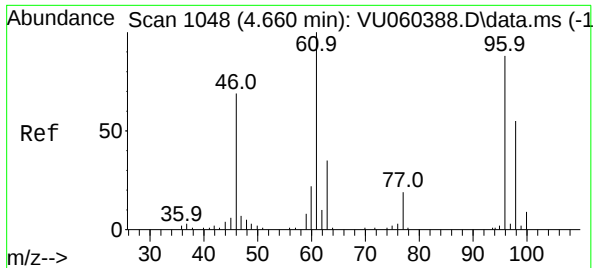
Tgt Ion:	63	Resp:	74746
Ion Ratio	Lower	Upper	
63	100		
65	31.8	22.2	41.2
83	14.1	9.1	16.9



#21
2-Butanone
Concen: 53.128 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

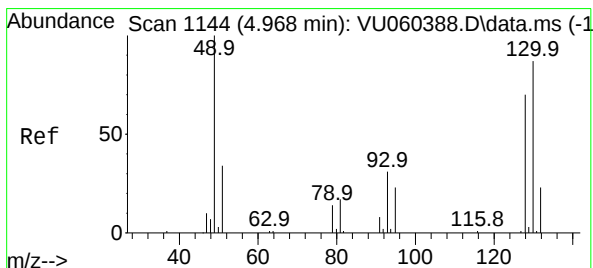
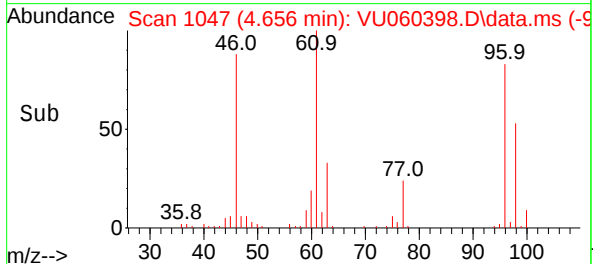
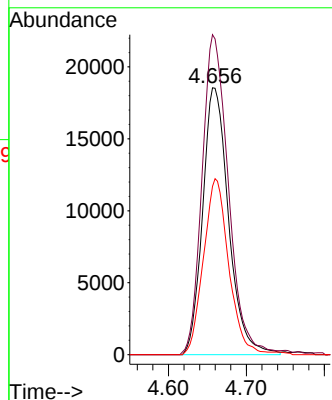
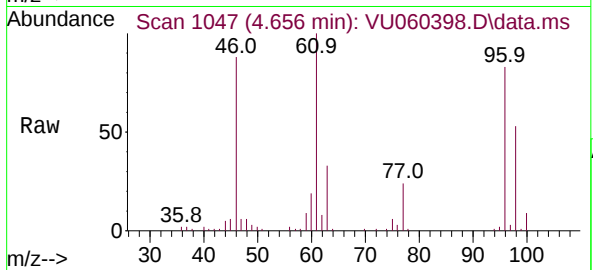
Tgt Ion:	43	Resp:	95012
Ion Ratio	Lower	Upper	
43	100		
72	30.7	15.9	47.6





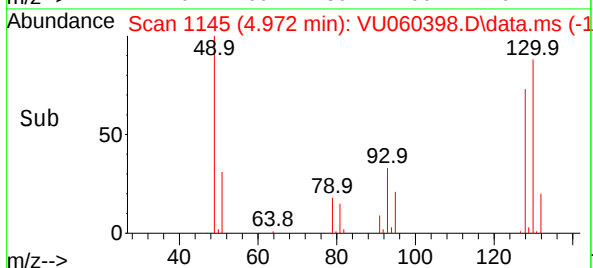
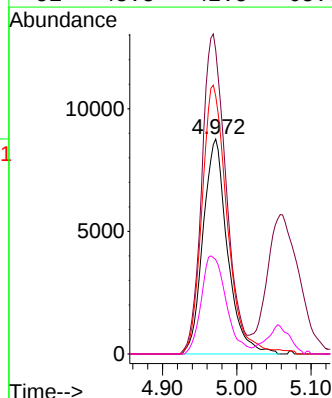
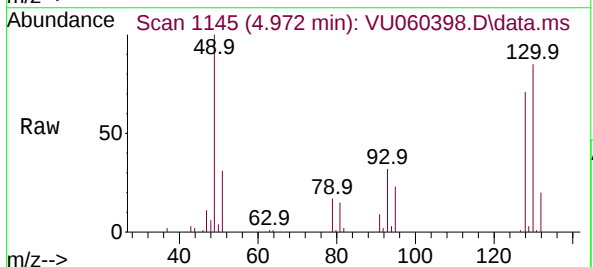
#22
cis-1,2-Dichloroethene
Concen: 5.217 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

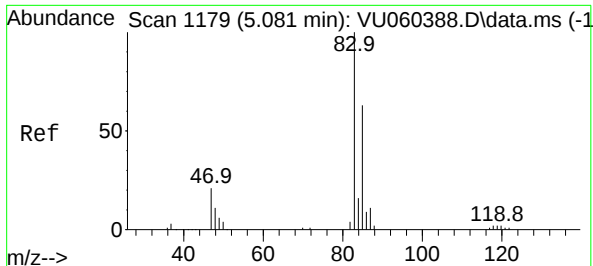
Tgt Ion: 96	Resp: 42968
Ion Ratio	Lower Upper
96 100	
61 119.9	81.5 151.5
98 63.1	43.5 80.7



#23
Bromochloromethane
Concen: 5.252 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

Tgt	Ion:128	Resp:	19966
Ion	Ratio	Lower	Upper
128	100		
49	141.3	101.0	187.6
130	120.0	92.7	172.1
51	43.8	42.5	63.7





#25

Chloroform

Concen: 5.191 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU060398.D

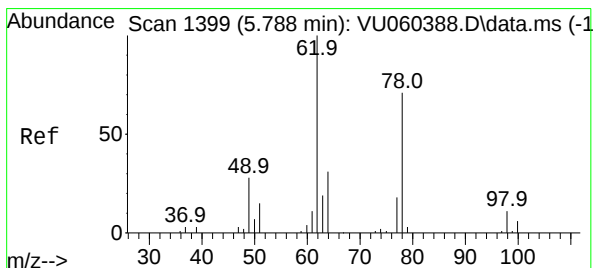
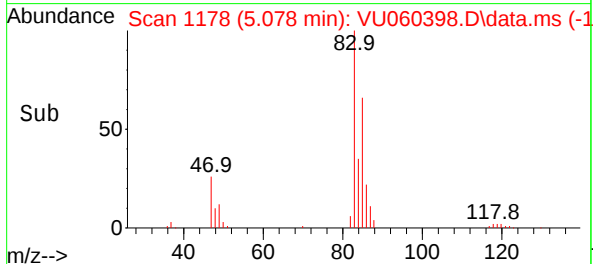
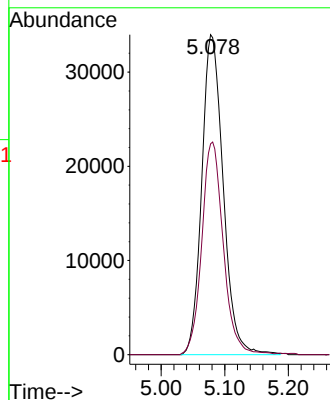
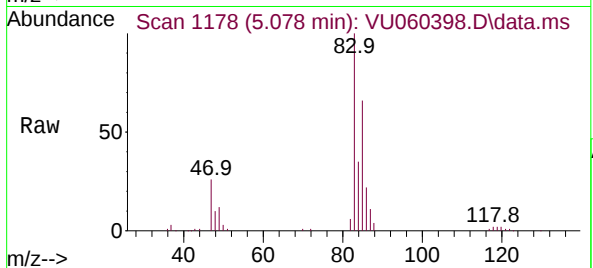
Acq: 10 Aug 2024 03:54

Tgt Ion: 83 Resp: 79542

Ion Ratio Lower Upper

83 100

85 65.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.727 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060398.D

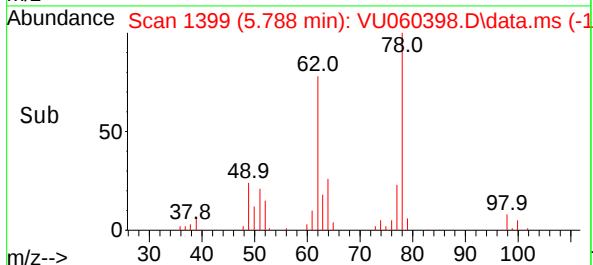
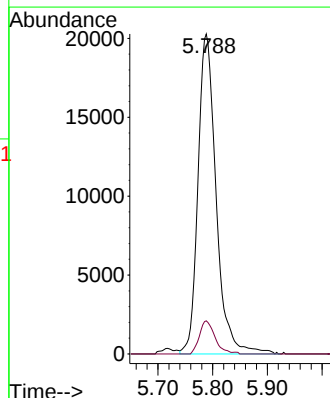
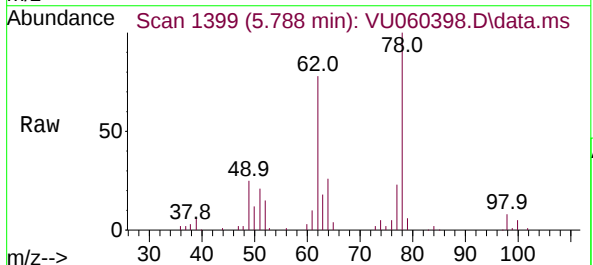
Acq: 10 Aug 2024 03:54

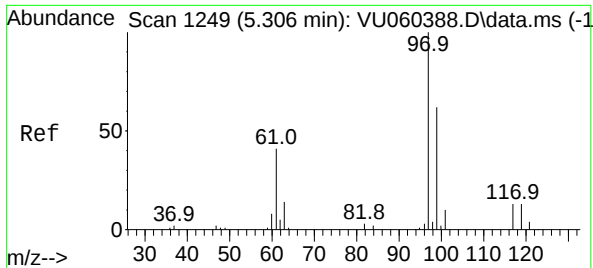
Tgt Ion: 62 Resp: 46677

Ion Ratio Lower Upper

62 100

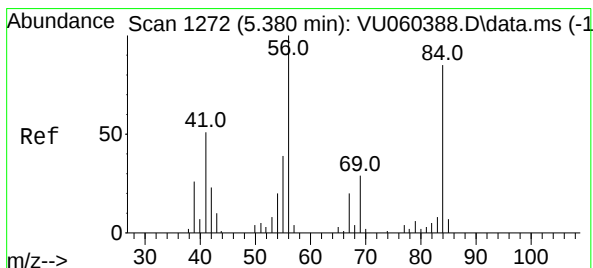
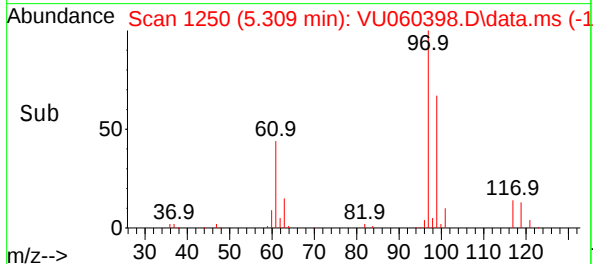
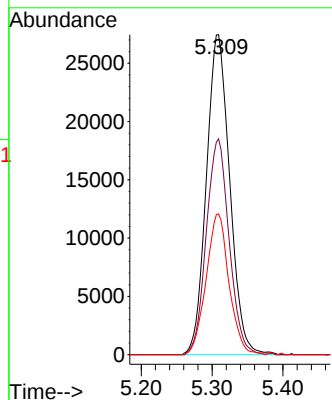
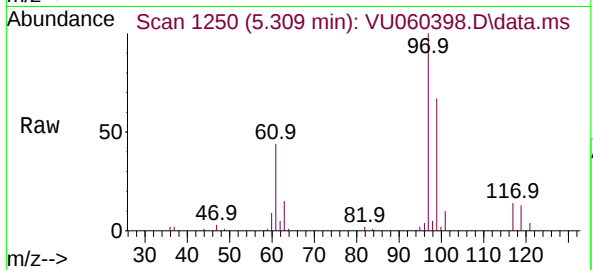
98 10.4 9.0 13.6





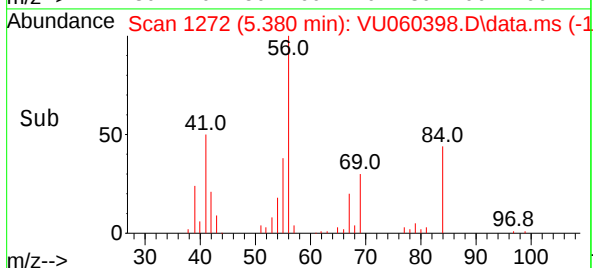
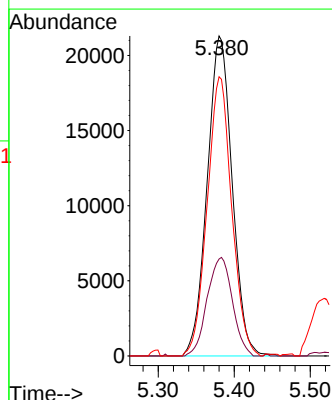
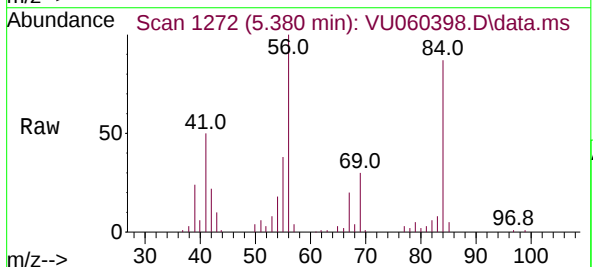
#29
1,1,1-Trichloroethane
Concen: 5.335 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

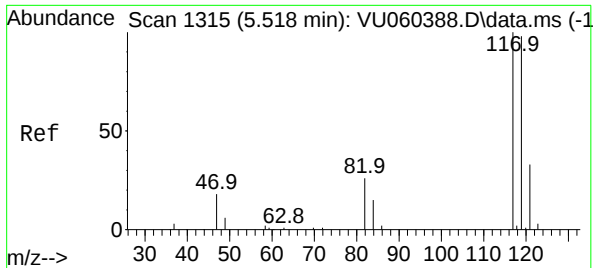
Tgt Ion: 97 Resp: 62918
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.2
61 43.0 33.0 49.6



#30
Cyclohexane
Concen: 5.090 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

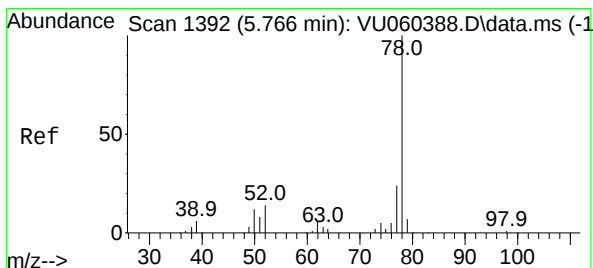
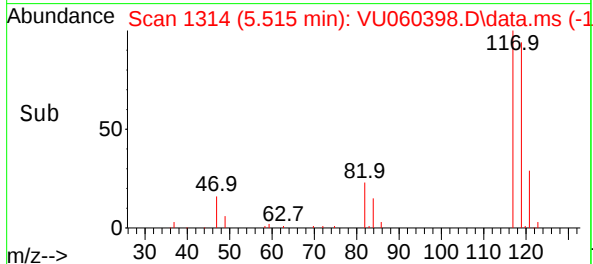
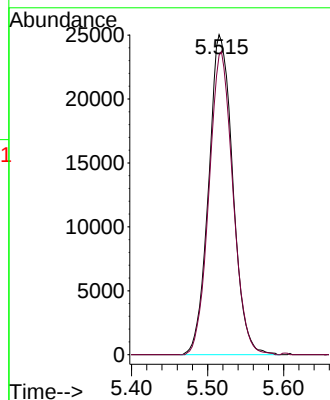
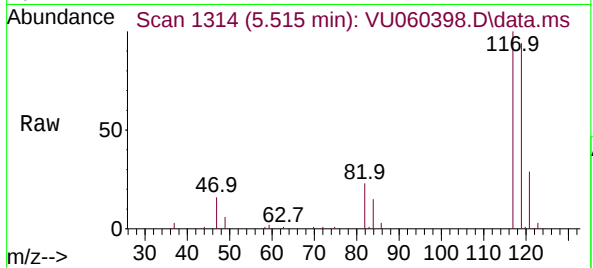
Tgt Ion: 56 Resp: 48592
Ion Ratio Lower Upper
56 100
69 31.0 24.7 37.1
84 85.6 70.7 106.1





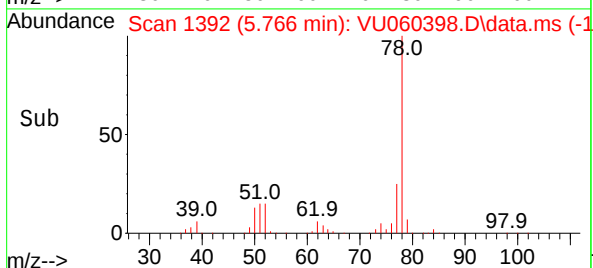
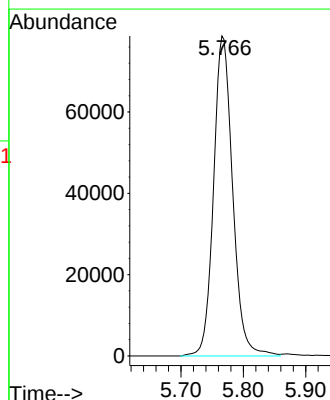
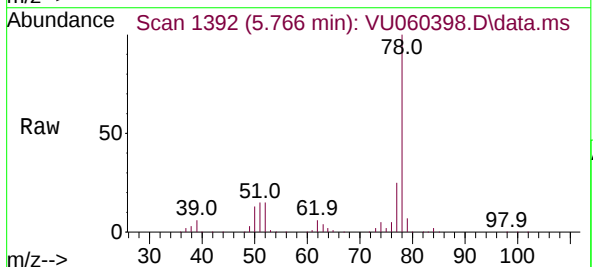
#31
Carbon tetrachloride
Concen: 5.342 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

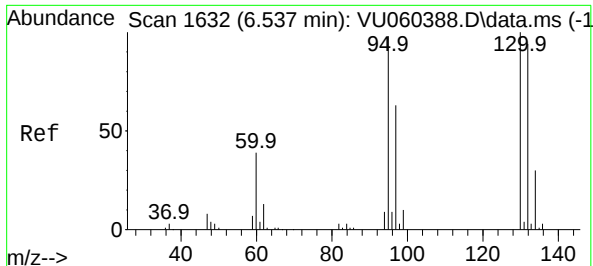
Tgt Ion:117 Resp: 55211
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8



#33
Benzene
Concen: 5.393 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

Tgt Ion: 78 Resp: 167271





#34

Trichloroethene

Concen: 5.937 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU060398.D

Acq: 10 Aug 2024 03:54

Tgt Ion: 95 Resp: 48207

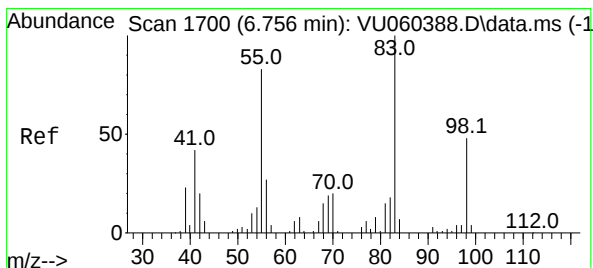
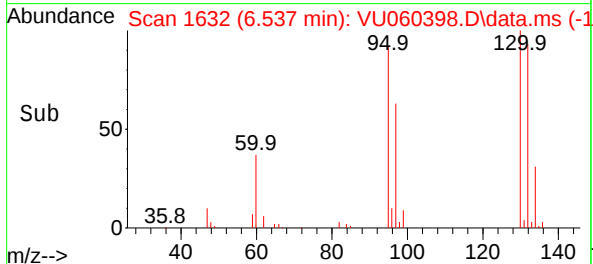
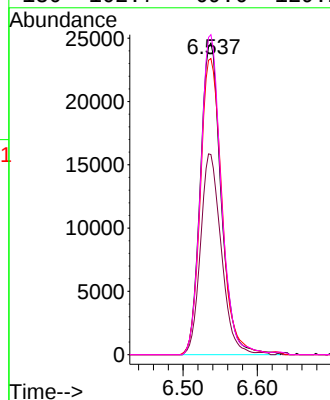
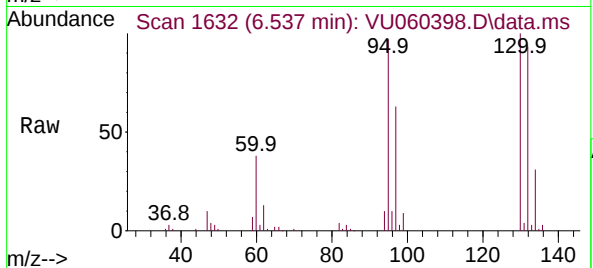
Ion Ratio Lower Upper

95 100

97 64.2 43.6 81.0

132 95.0 67.1 124.5

130 102.7 69.6 129.2



#35

Methylcyclohexane

Concen: 4.753 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060398.D

Acq: 10 Aug 2024 03:54

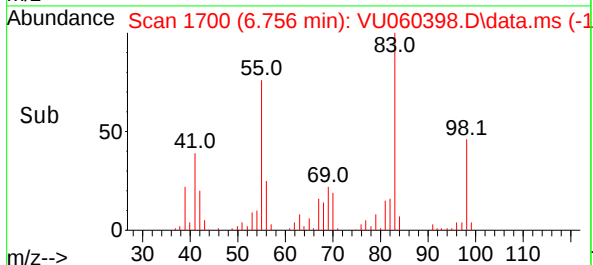
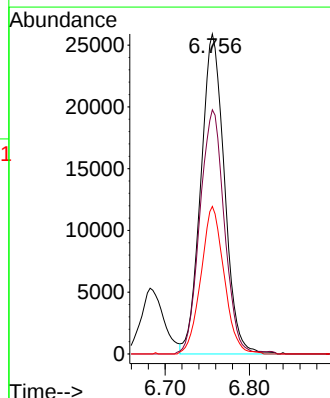
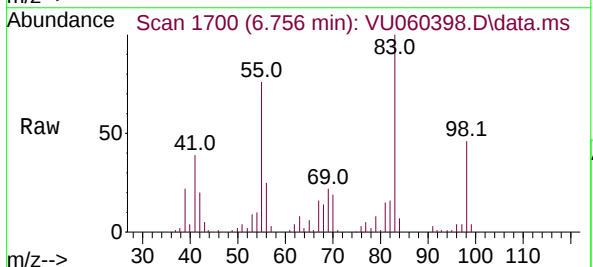
Tgt Ion: 83 Resp: 50387

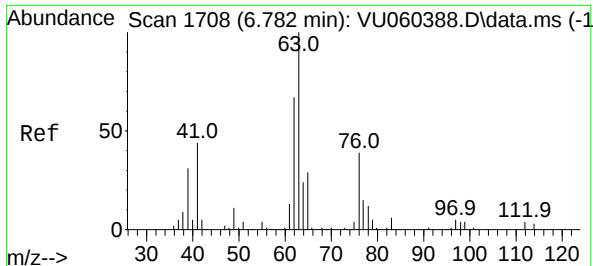
Ion Ratio Lower Upper

83 100

55 79.0 62.4 93.6

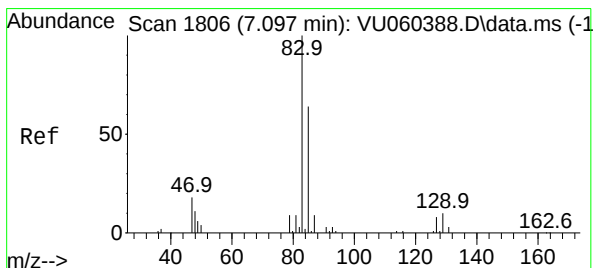
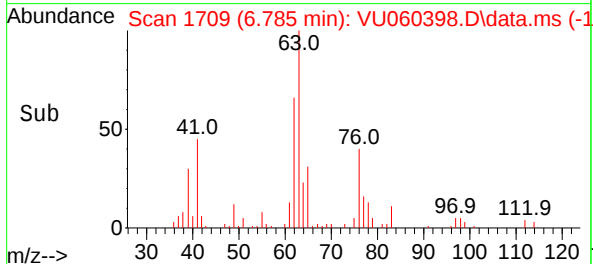
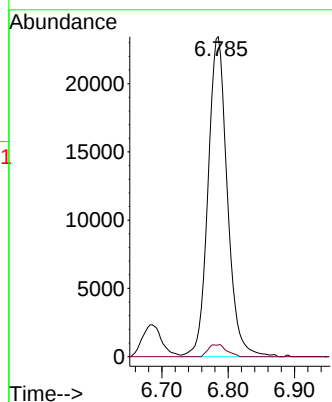
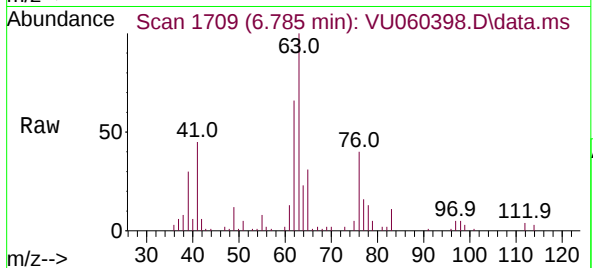
98 45.3 37.3 55.9





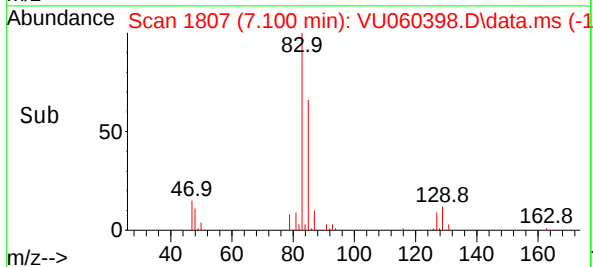
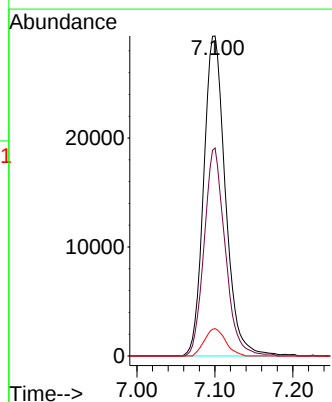
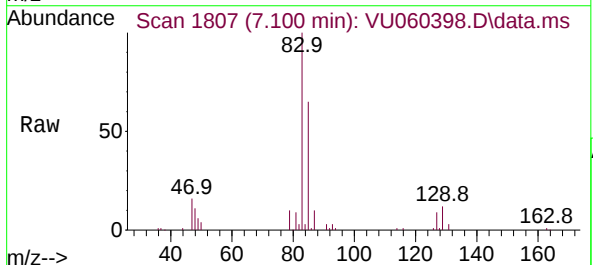
#37
1,2-Dichloropropane
Concen: 5.612 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

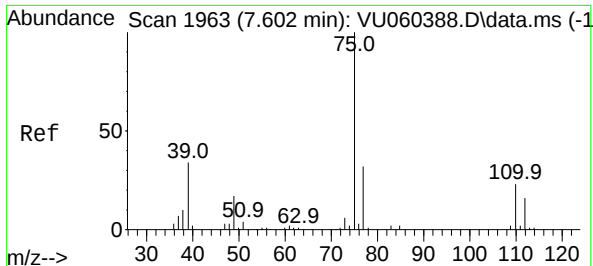
Tgt Ion: 63 Resp: 47374
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 5.446 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

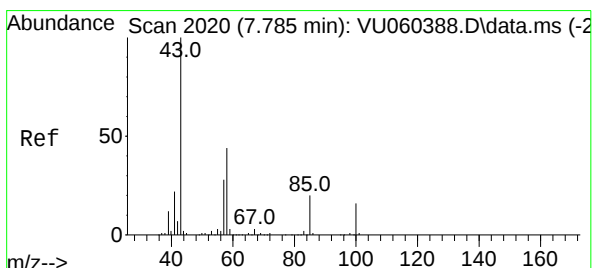
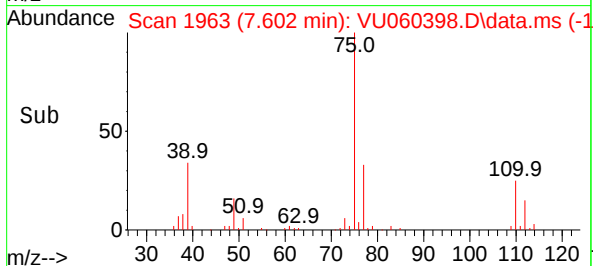
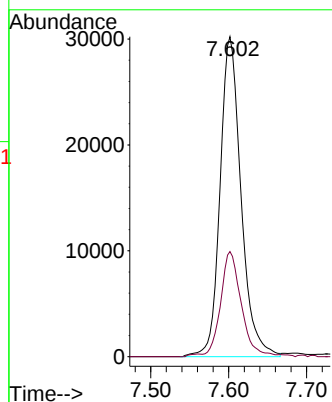
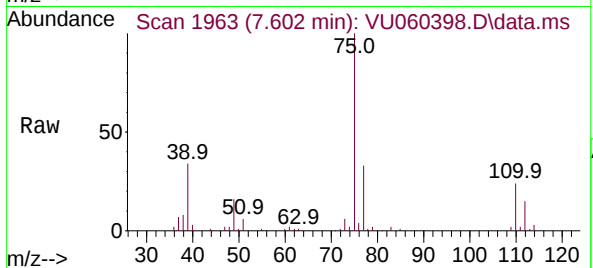
Tgt Ion: 83 Resp: 56824
Ion Ratio Lower Upper
83 100
85 65.0 42.4 78.8
127 8.6 7.0 10.4





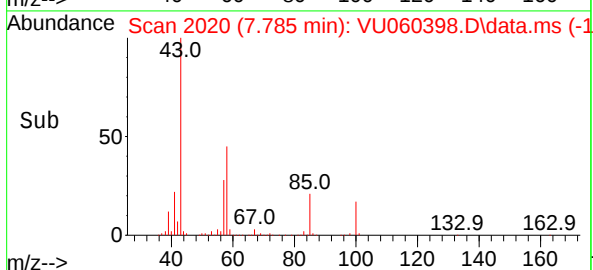
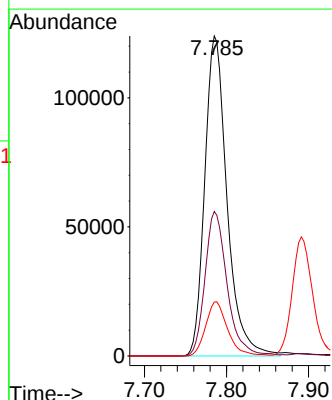
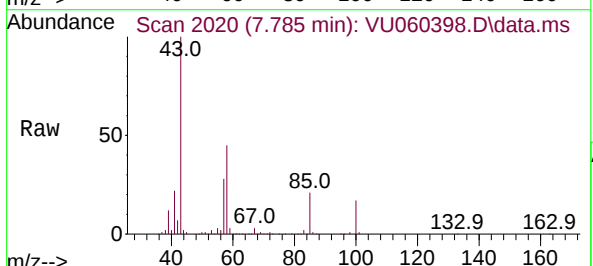
#39
cis-1,3-Dichloropropene
Concen: 4.927 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

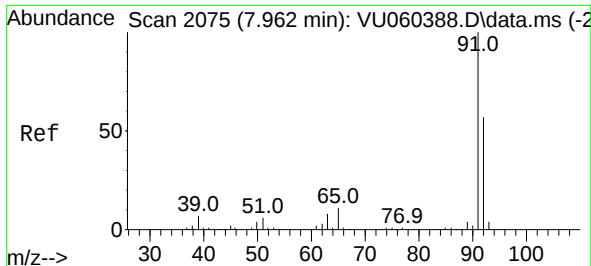
Tgt Ion: 75 Resp: 56493
Ion Ratio Lower Upper
75 100
77 32.8 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 59.301 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

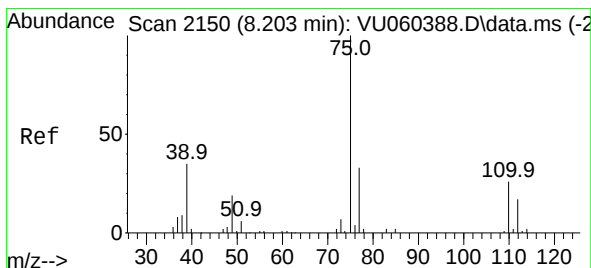
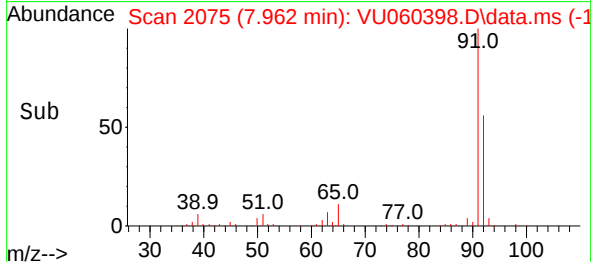
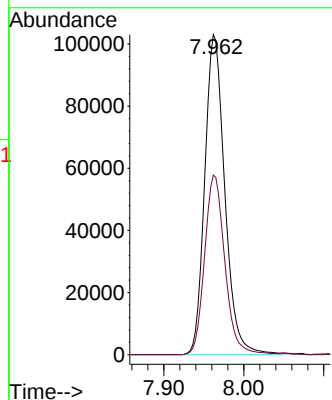
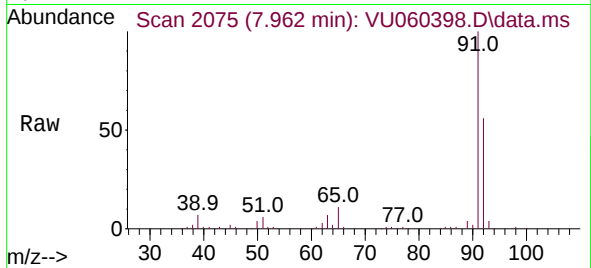
Tgt Ion: 43 Resp: 233676
Ion Ratio Lower Upper
43 100
58 45.0 36.6 55.0
100 16.8 14.1 21.1





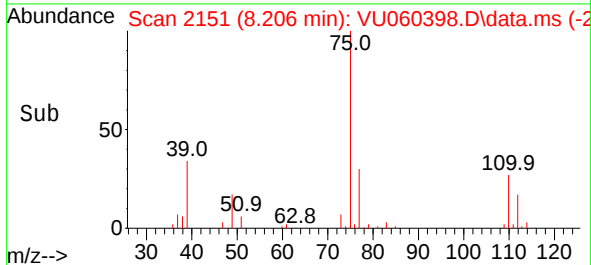
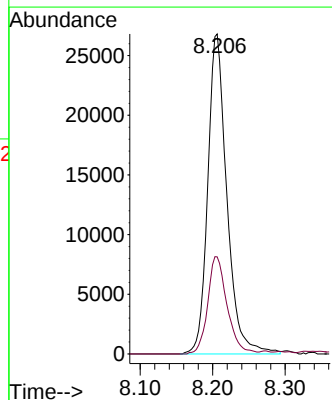
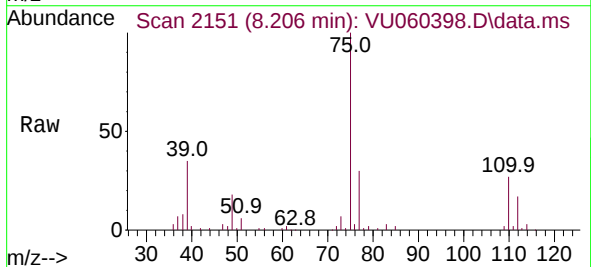
#42
Toluene
Concen: 5.495 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

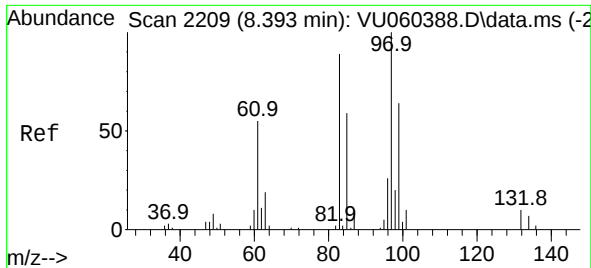
Tgt Ion: 91 Resp: 180094
Ion Ratio Lower Upper
91 100
92 56.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.189 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

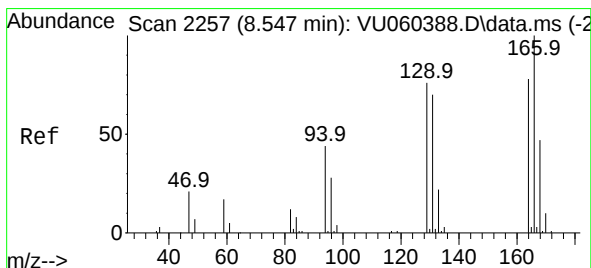
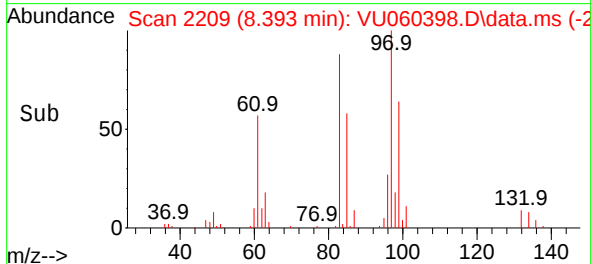
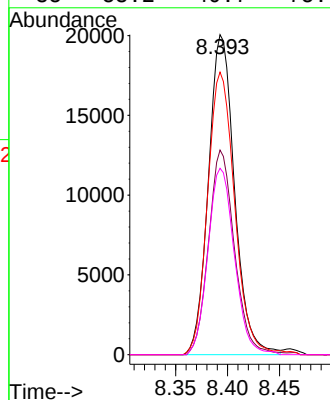
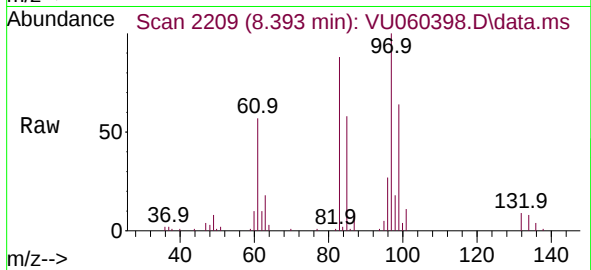
Tgt Ion: 75 Resp: 49152
Ion Ratio Lower Upper
75 100
77 30.3 25.0 46.4





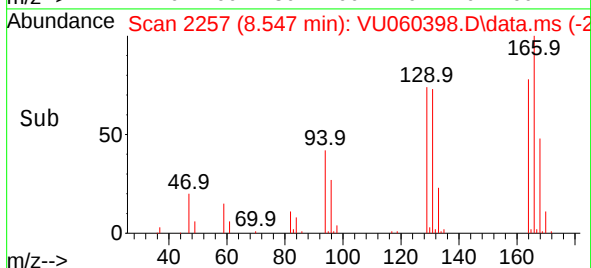
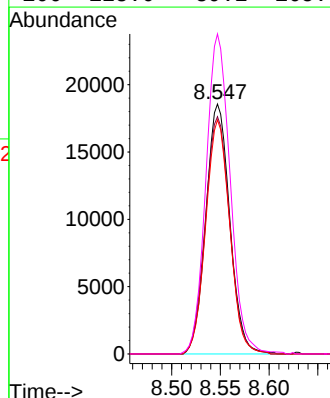
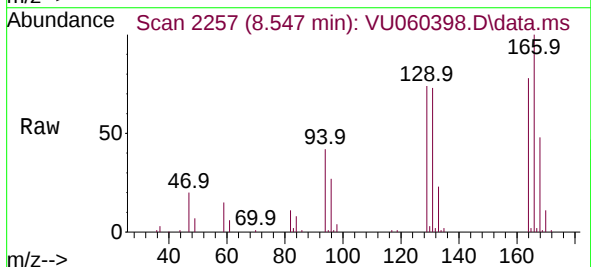
#45
1,1,2-Trichloroethane
Concen: 5.432 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

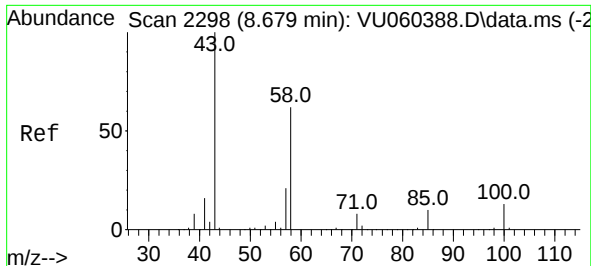
Tgt Ion:	97	Resp:	35118
Ion	Ratio	Lower	Upper
97	100		
99	63.9	45.8	85.0
83	88.3	61.7	114.5
85	58.2	40.7	75.7



#47
Tetrachloroethene
Concen: 4.989 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

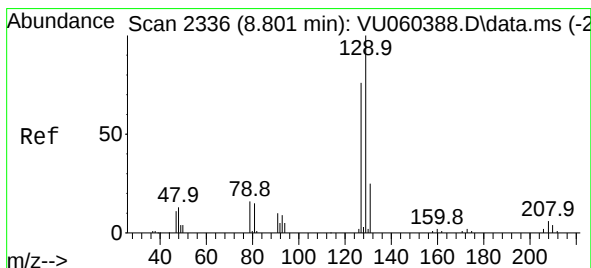
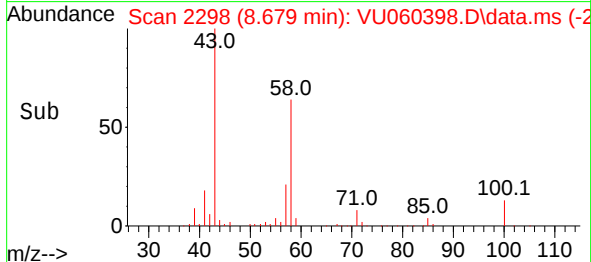
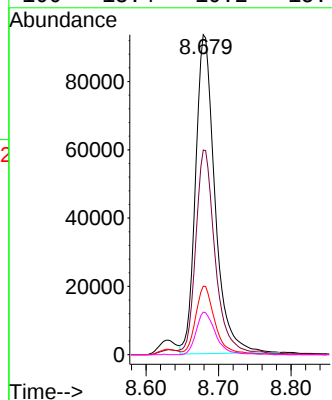
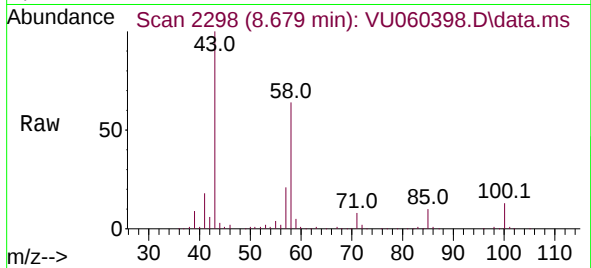
Tgt Ion:	164	Resp:	31687
Ion	Ratio	Lower	Upper
164	100		
129	94.9	69.0	128.1
131	93.6	62.6	116.3
166	128.0	89.2	165.8





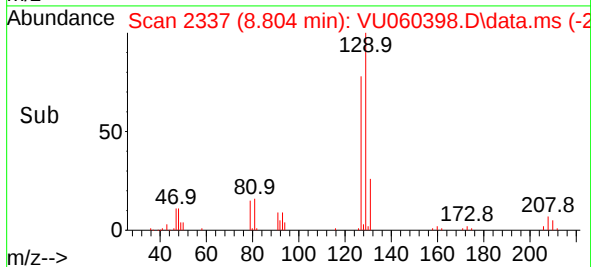
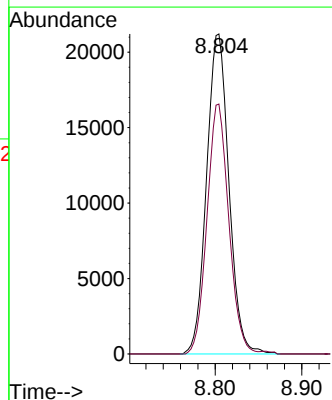
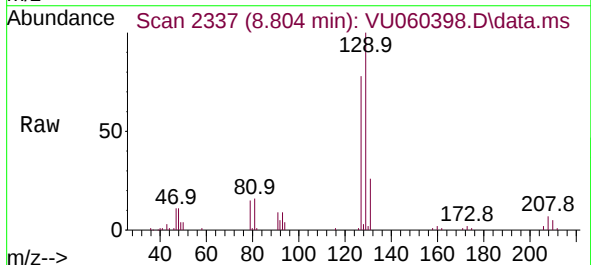
#48
2-Hexanone
Concen: 58.138 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

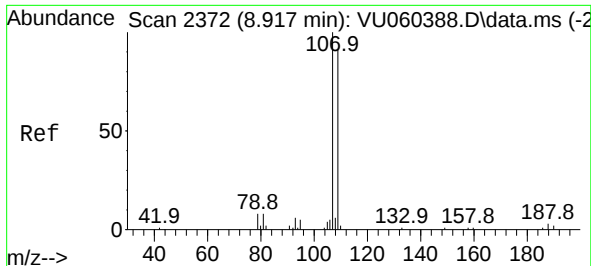
Tgt Ion:	43	Resp:	173671
Ion	Ratio	Lower	Upper
43	100		
58	62.1	50.9	76.3
57	21.7	17.4	26.0
100	13.4	10.2	15.4



#49
Dibromochloromethane
Concen: 5.531 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

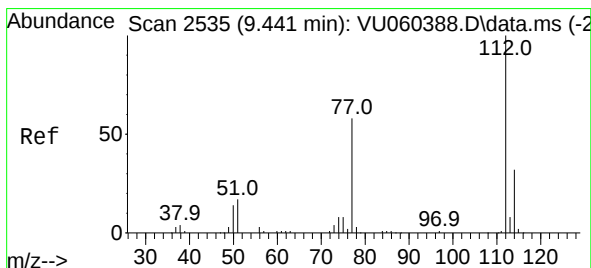
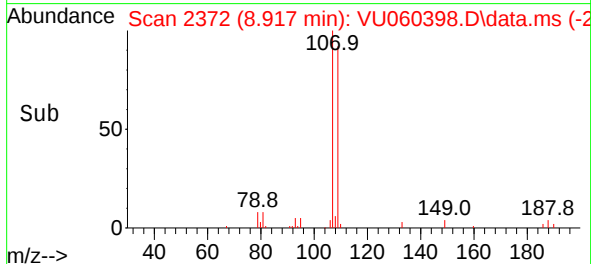
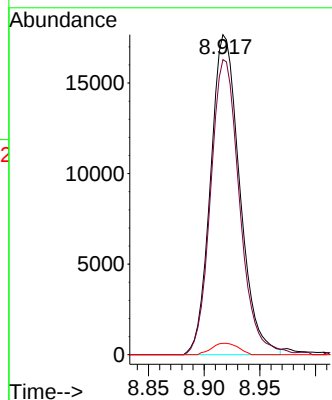
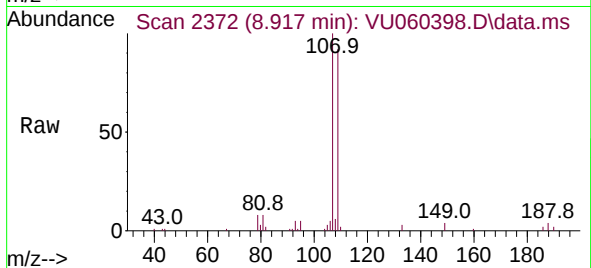
Tgt Ion:	129	Resp:	38021
Ion	Ratio	Lower	Upper
129	100		
127	78.1	51.9	96.3





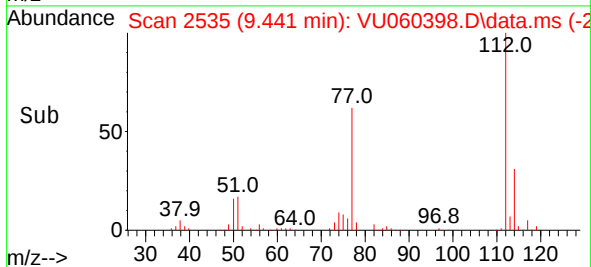
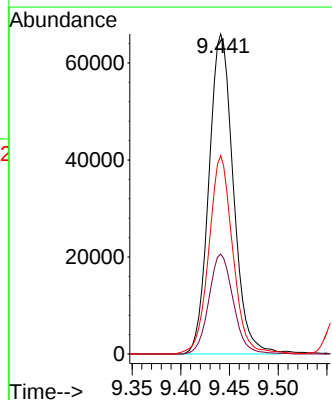
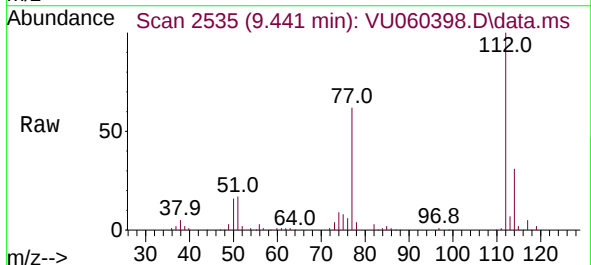
#50
1,2-Dibromoethane
Concen: 5.589 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

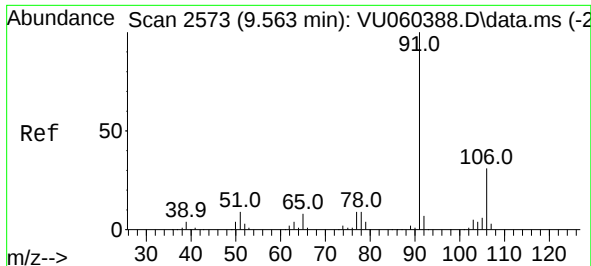
Tgt Ion:	107	Resp:	32167
Ion Ratio	Lower	Upper	
107	100		
109	92.2	64.8	120.3
188	3.5	2.6	3.8



#51
Chlorobenzene
Concen: 5.199 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

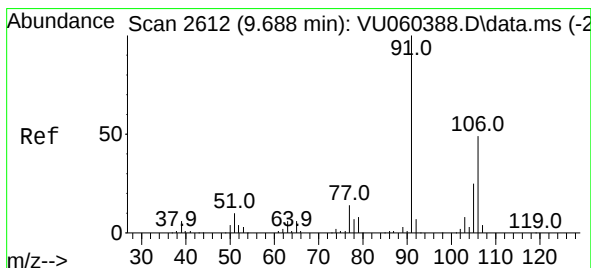
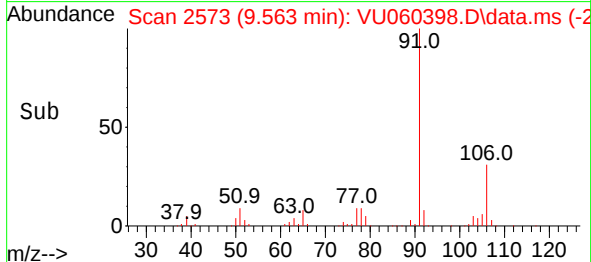
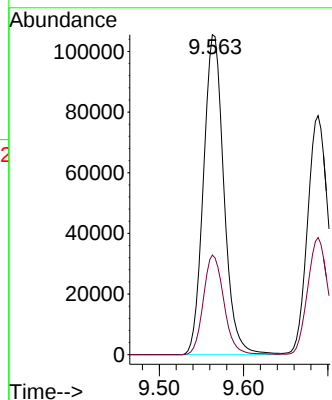
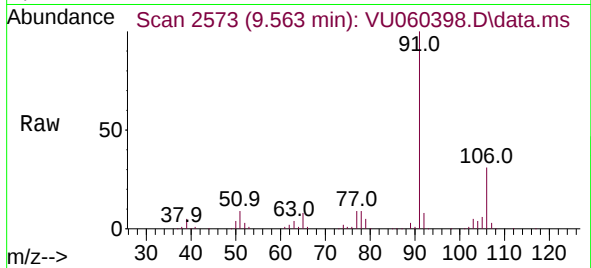
Tgt Ion:	112	Resp:	114949
Ion Ratio	Lower	Upper	
112	100		
114	31.2	21.3	39.5
77	62.0	44.6	67.0





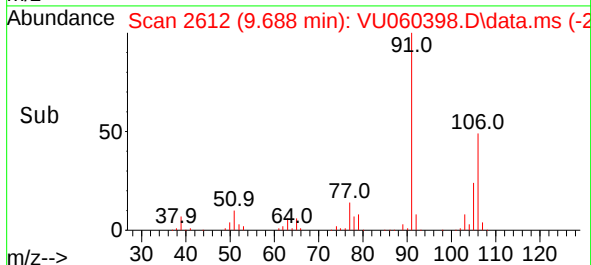
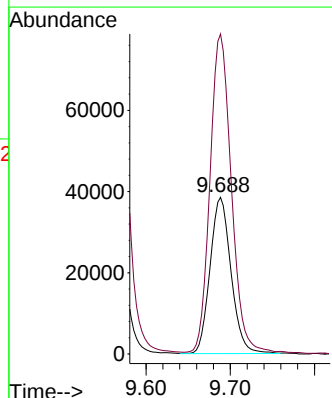
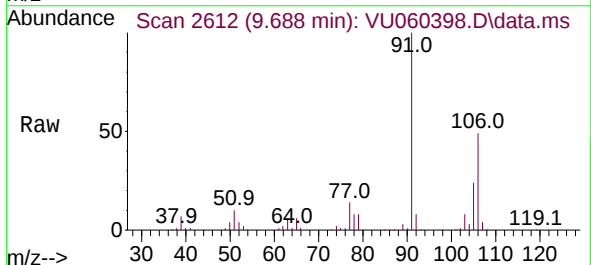
#52
Ethylbenzene
Concen: 5.172 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

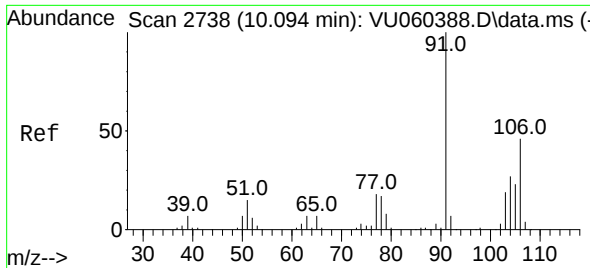
Tgt Ion: 91 Resp: 178595
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2



#53
m,p-Xylene
Concen: 5.069 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

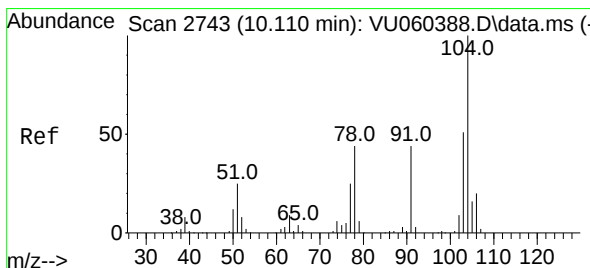
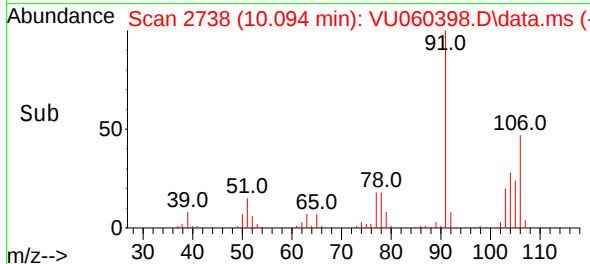
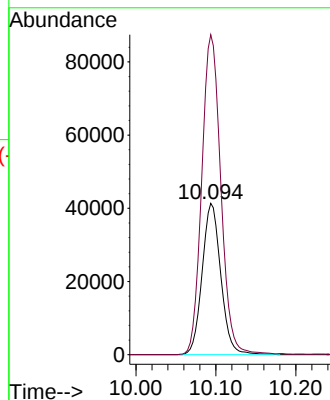
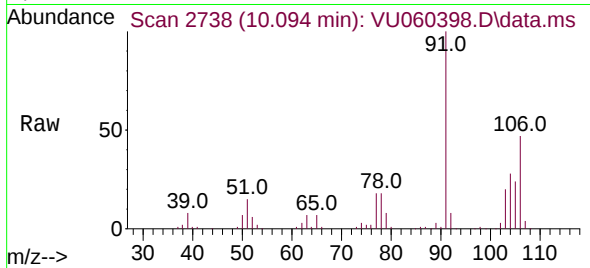
Tgt Ion: 106 Resp: 66519
Ion Ratio Lower Upper
106 100
91 204.2 143.2 266.0





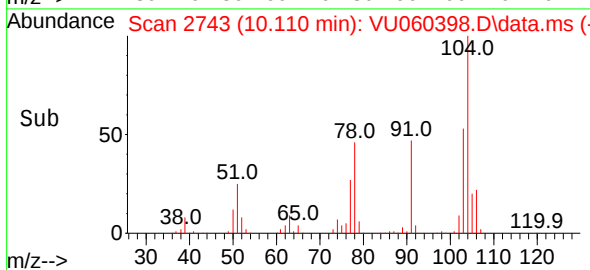
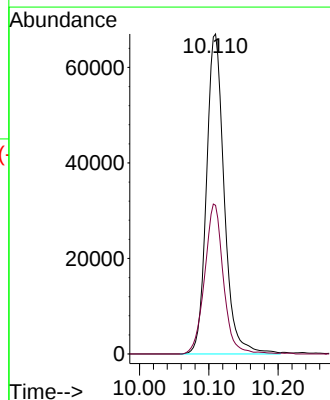
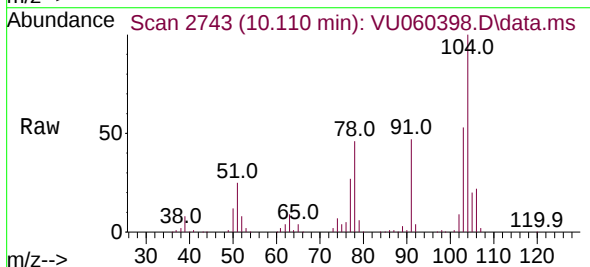
#54
o-Xylene
Concen: 5.353 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

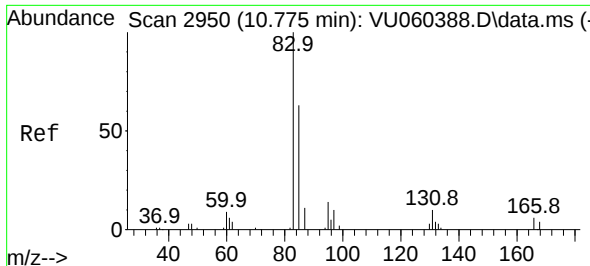
Tgt Ion:106 Resp: 67217
Ion Ratio Lower Upper
106 100
91 211.5 150.2 279.0



#55
Styrene
Concen: 5.474 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

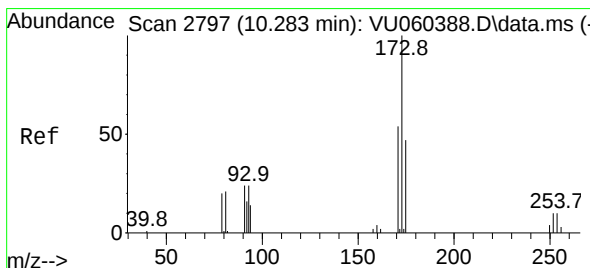
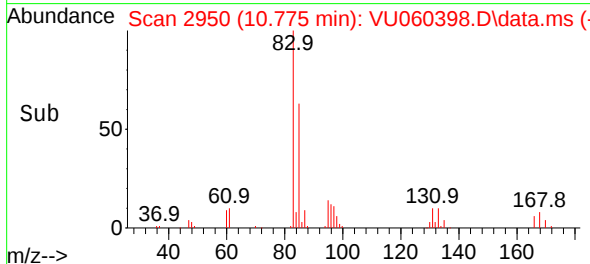
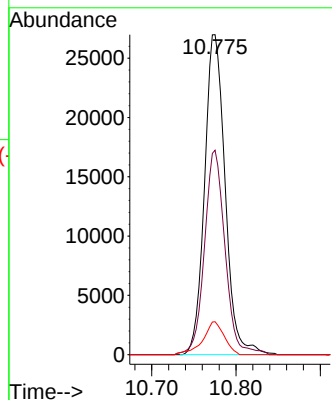
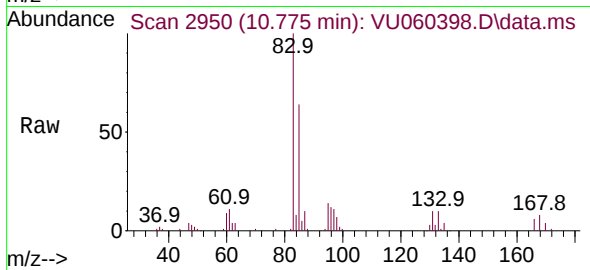
Tgt Ion:104 Resp: 118938
Ion Ratio Lower Upper
104 100
78 46.5 32.1 59.7





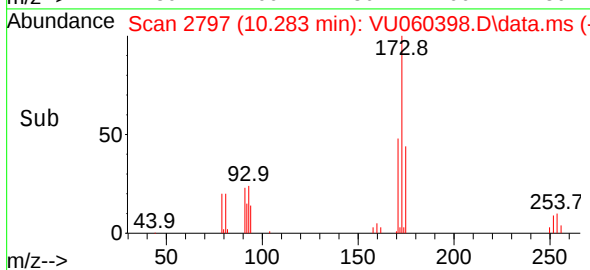
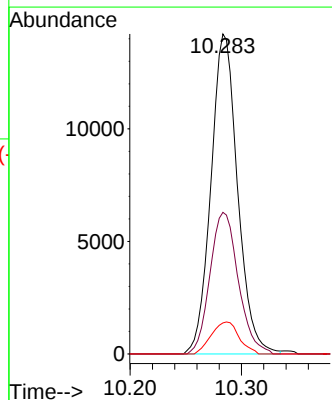
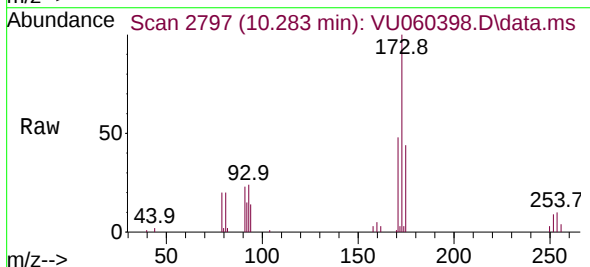
#57
1,1,2,2-Tetrachloroethane
Concen: 5.716 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

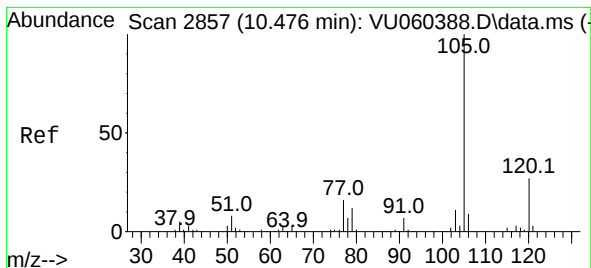
Tgt Ion:	83	Resp:	45955
Ion Ratio	Lower	Upper	
83	100		
85	63.9	46.1	85.5
131	10.3	7.6	11.4



#59
Bromoform
Concen: 5.523 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

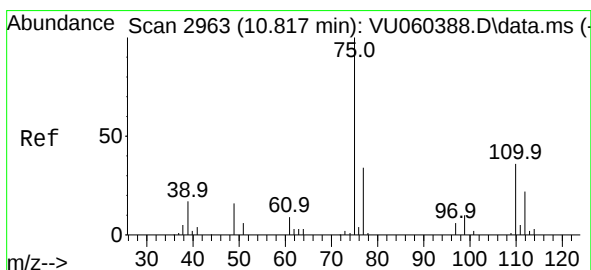
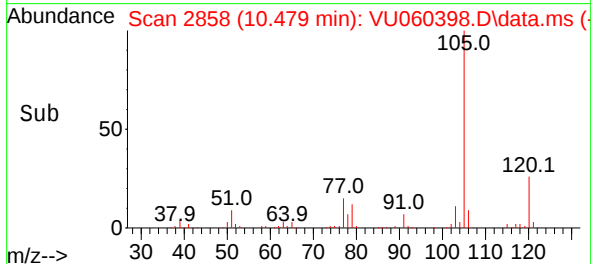
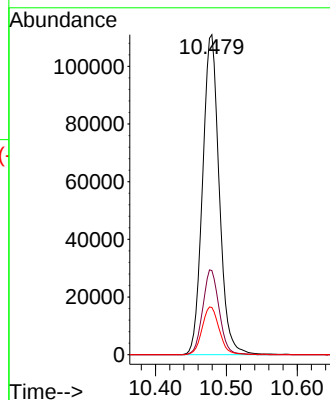
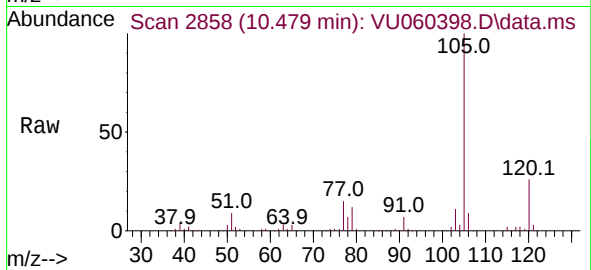
Tgt Ion:	173	Resp:	23640
Ion Ratio	Lower	Upper	
173	100		
175	47.0	39.7	59.5
254	10.4	8.2	12.4





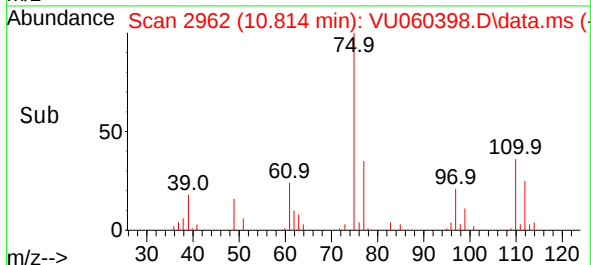
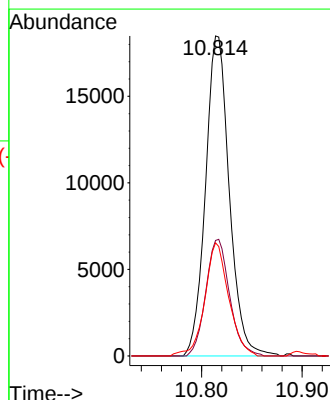
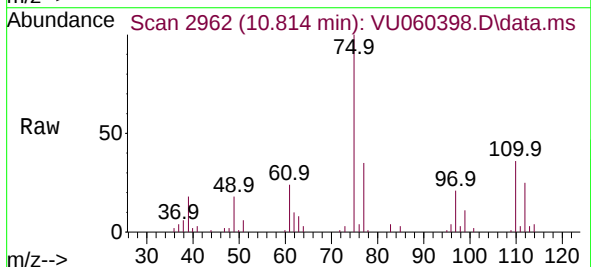
#60
Isopropylbenzene
Concen: 5.315 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

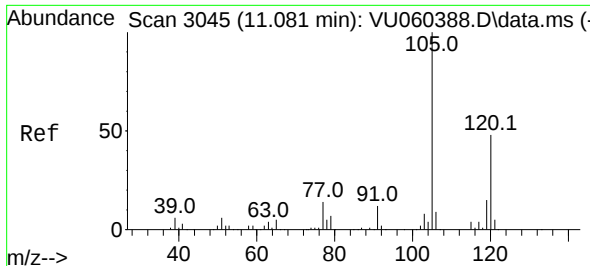
Tgt Ion:105 Resp: 180906
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.572 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

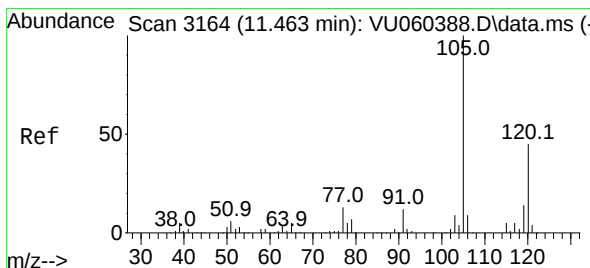
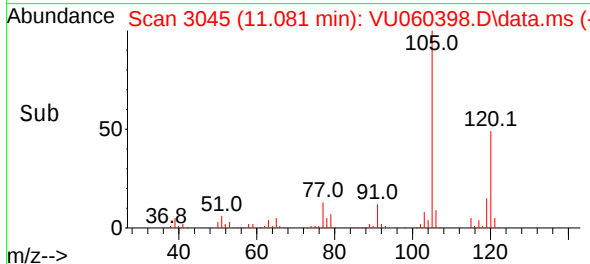
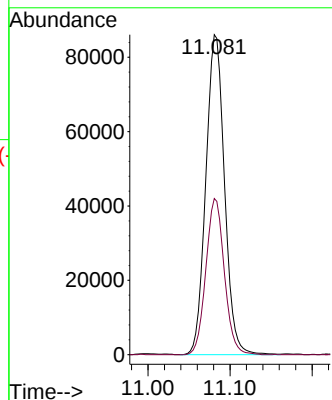
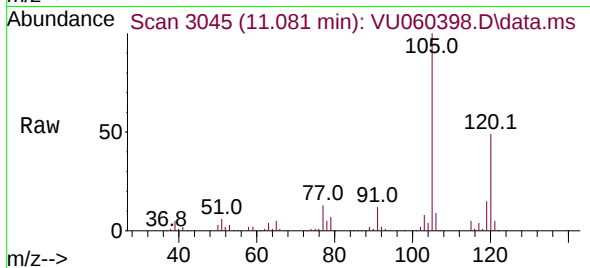
Tgt Ion: 75 Resp: 30405
Ion Ratio Lower Upper
75 100
110 36.5 29.9 44.9
77 35.5 27.0 40.6





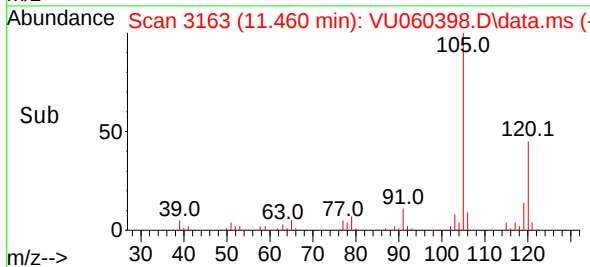
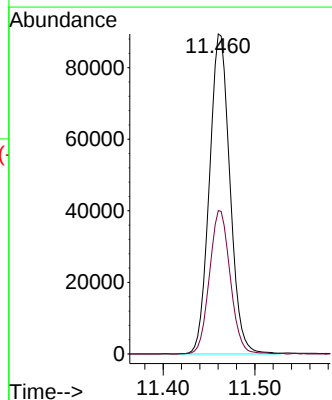
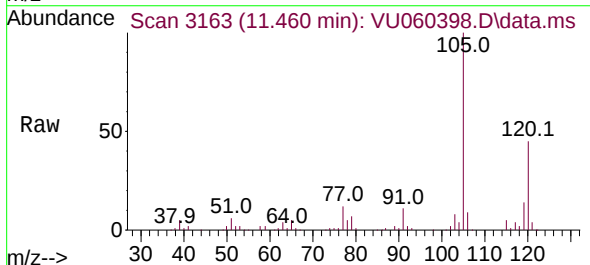
#62
1,3,5-Trimethylbenzene
Concen: 5.213 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

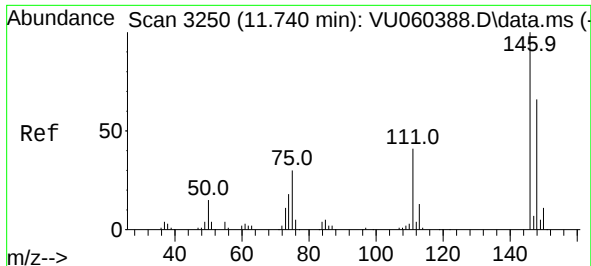
Tgt Ion:105 Resp: 136591
Ion Ratio Lower Upper
105 100
120 48.2 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.388 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

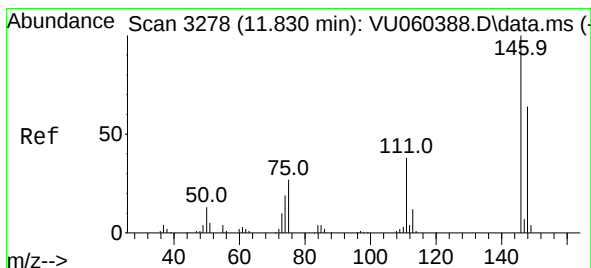
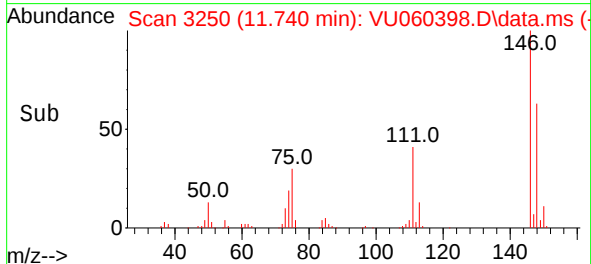
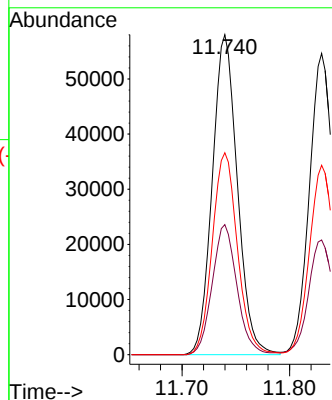
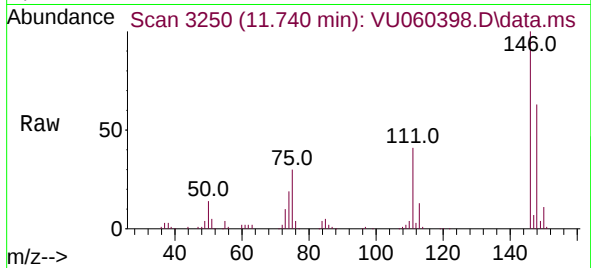
Tgt Ion:105 Resp: 139120
Ion Ratio Lower Upper
105 100
120 45.2 36.1 54.1





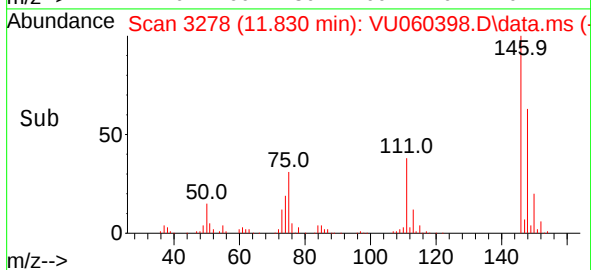
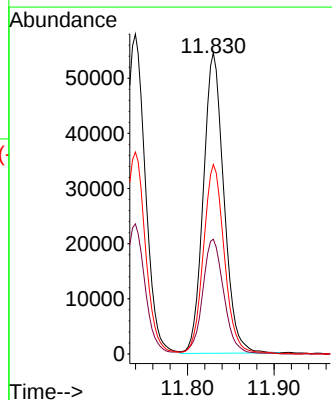
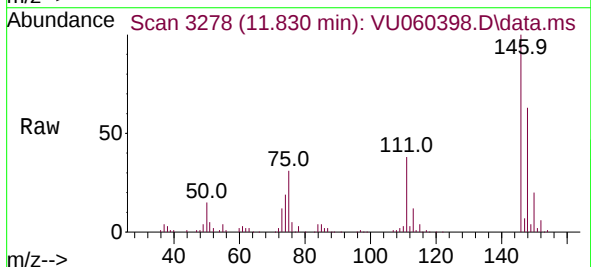
#64
1,3-Dichlorobenzene
Concen: 5.423 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

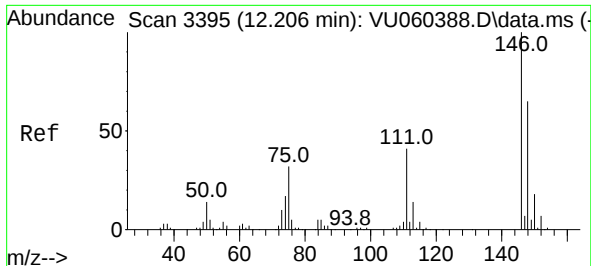
Tgt Ion:146 Resp: 94059
Ion Ratio Lower Upper
146 100
111 40.7 29.2 54.2
148 63.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.136 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

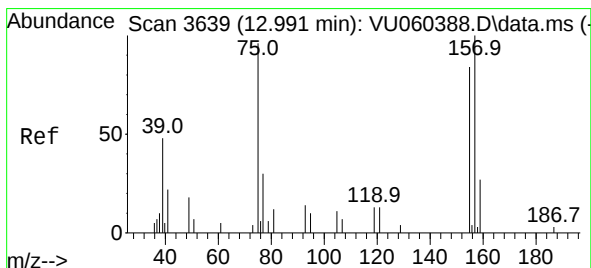
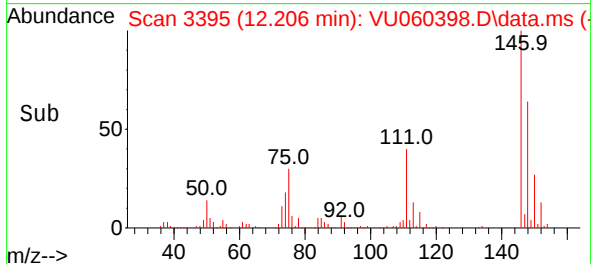
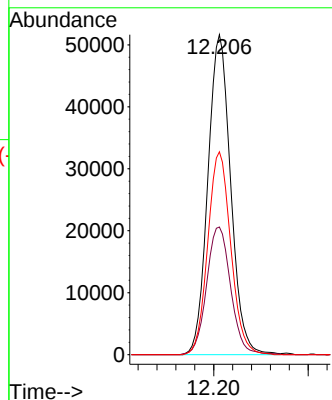
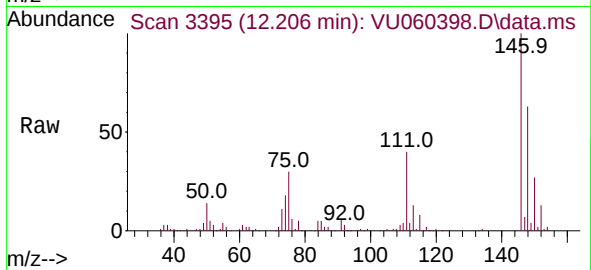
Tgt Ion:146 Resp: 89795
Ion Ratio Lower Upper
146 100
111 38.1 25.8 48.0
148 62.9 44.0 81.6





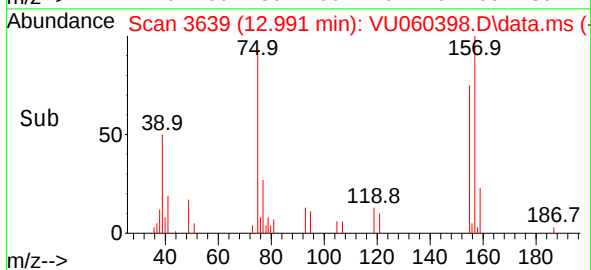
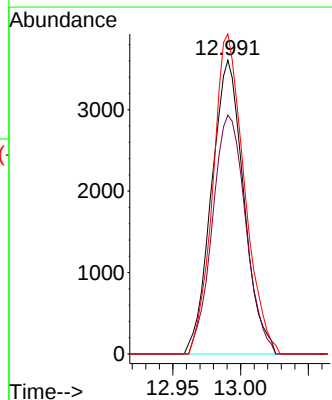
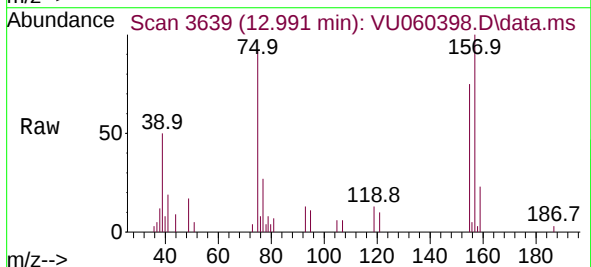
#67
1,2-Dichlorobenzene
Concen: 5.279 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

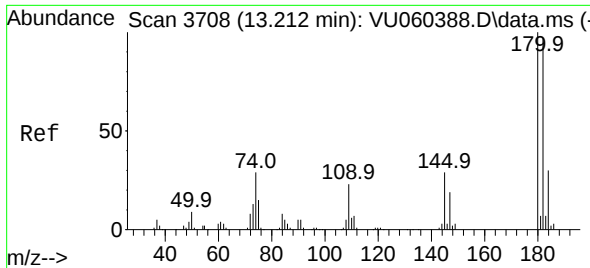
Tgt Ion:146 Resp: 86462
Ion Ratio Lower Upper
146 100
111 39.9 32.0 48.0
148 63.4 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.825 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

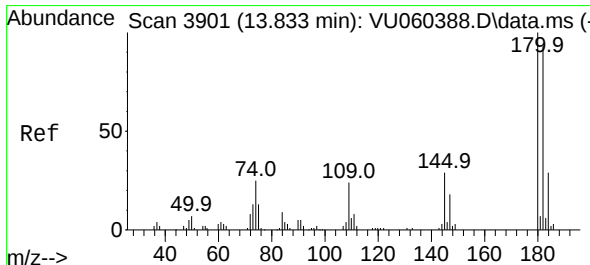
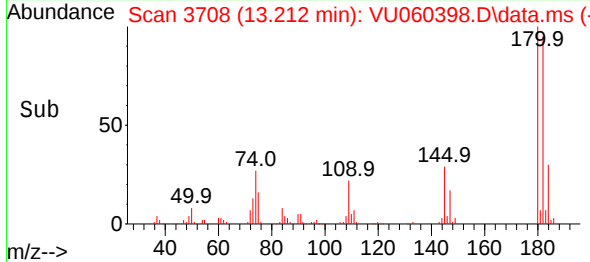
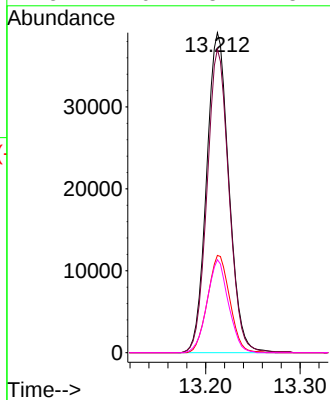
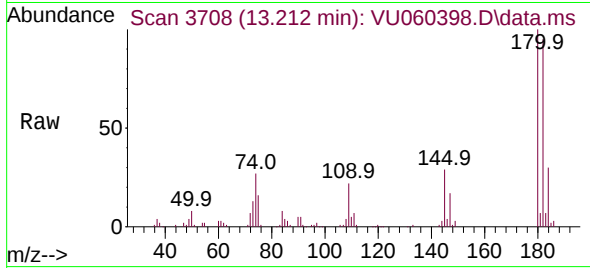
Tgt Ion: 75 Resp: 5959
Ion Ratio Lower Upper
75 100
155 81.3 64.3 96.5
157 109.0 88.0 132.0





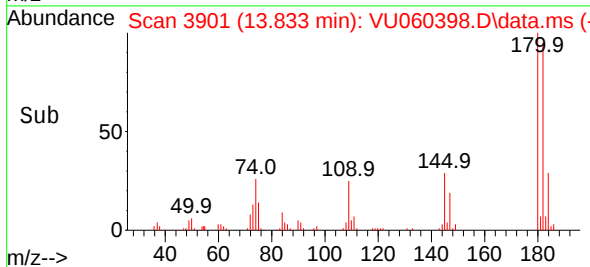
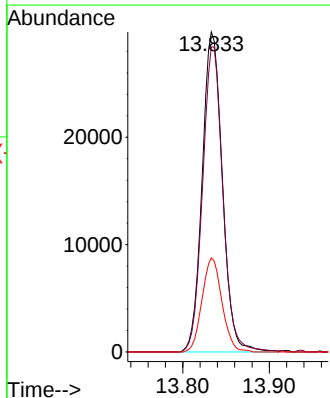
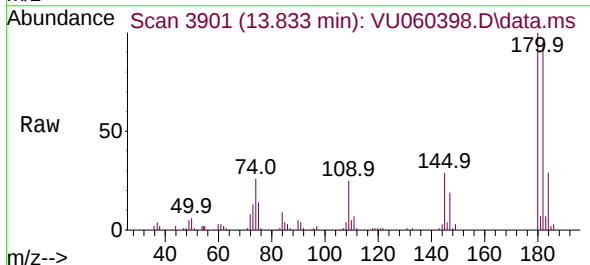
#69
1,3,5-Trichlorobenzene
Concen: 4.870 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

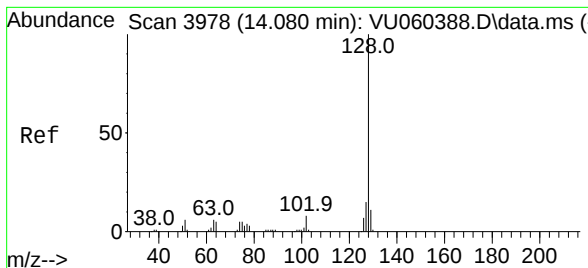
Tgt Ion:180	Resp:	63835
Ion	Ratio	Lower Upper
180	100	
182	93.3	76.0 114.0
184	30.4	23.8 35.8
145	27.9	23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 4.701 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

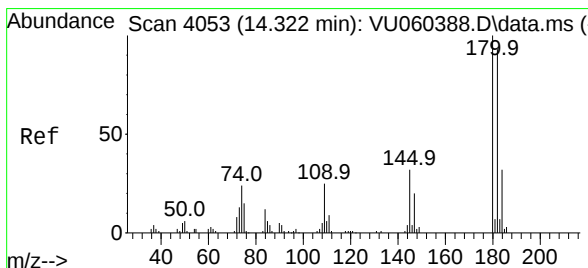
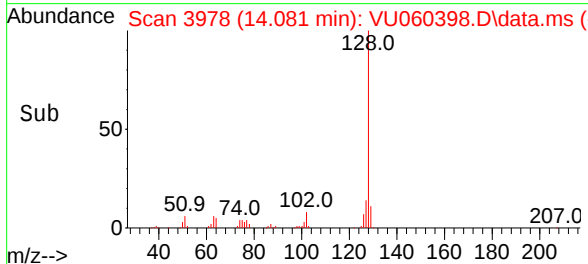
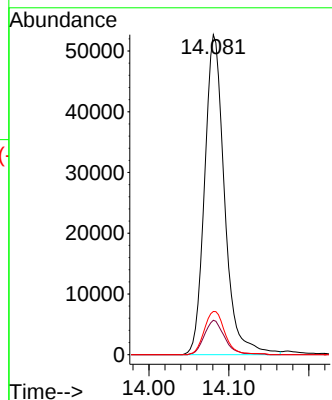
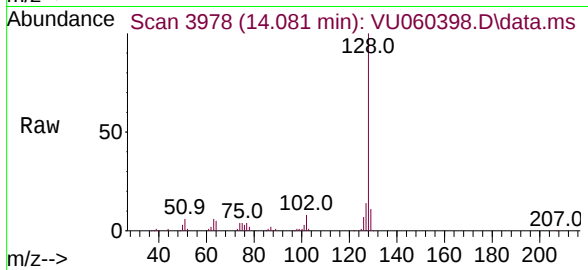
Tgt Ion:180	Resp:	48374
Ion	Ratio	Lower Upper
180	100	
182	95.6	76.0 114.0
145	28.9	23.7 35.5





#71
Naphthalene
Concen: 6.248 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

Tgt Ion:128 Resp: 91431
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.2 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 6.848 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060398.D
Acq: 10 Aug 2024 03:54

Tgt Ion:180 Resp: 63141
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 30.3 23.7 35.5

