

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060079.D
 Acq On : 19 Jul 2024 22:41
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	121019	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34108	4.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	35587	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	14525	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.627	46	118765	60.331	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.660%
24) Chloroform-d	5.055	84	90210	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	44319	5.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.721	84	168841	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.685	67	55403	5.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.891	98	155516	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.177	79	19027	5.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.627	63	101156	63.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55042	5.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	63432	5.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49520	5.411	ug/L	99
3) Chloromethane	1.518	50	60241	5.450	ug/L	99
5) Vinyl chloride	1.602	62	68652	5.540	ug/L	100
6) Bromomethane	1.853	94	44514	5.518	ug/L	99
8) Chloroethane	1.930	64	44061	5.444	ug/L	99
9) Trichlorofluoromethane	2.132	101	88852	5.686	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	56396	5.530	ug/L	98
12) 1,1-Dichloroethene	2.573	96	50898	5.510	ug/L	93
13) Acetone	2.640	43	75152	57.712	ug/L	96
14) Carbon disulfide	2.788	76	146677	5.453	ug/L	100
15) Methyl Acetate	2.956	43	20007	6.247	ug/L	97
16) Methylene chloride	3.039	84	62777	5.543	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	127768	6.065	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55582	5.785	ug/L	96
19) 1,1-Dichloroethane	3.859	63	103116	5.652	ug/L	98
21) 2-Butanone	4.708	43	126967	61.592	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	63889	5.936	ug/L	94
23) Bromochloromethane	4.968	128	31121	5.950	ug/L	96
25) Chloroform	5.078	83	112070	5.586	ug/L	99

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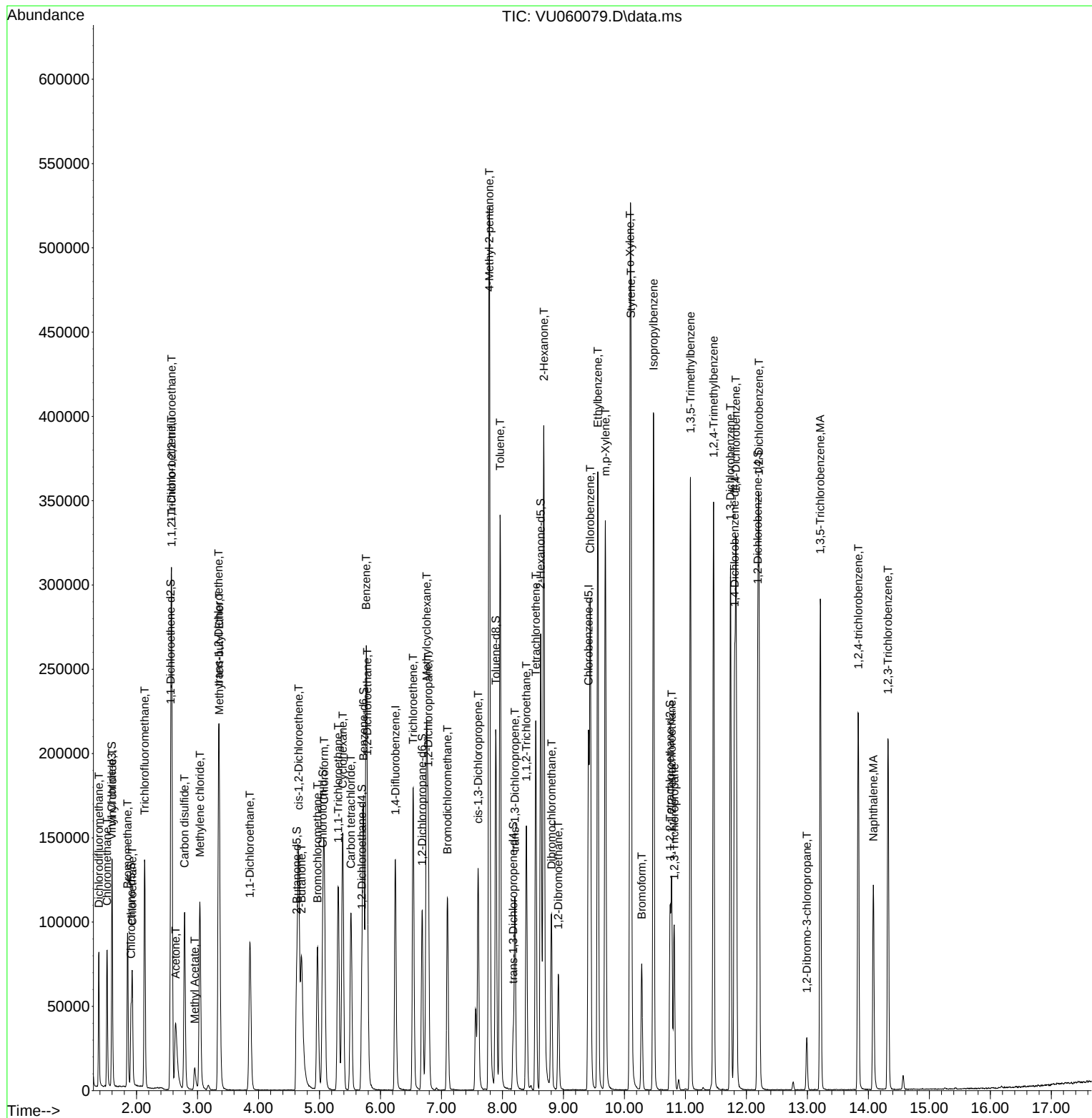
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67016	5.843	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	88903	5.758	ug/L	99
30) Cyclohexane	5.380	56	72560	5.942	ug/L	98
31) Carbon tetrachloride	5.515	117	75255	5.649	ug/L	96
33) Benzene	5.766	78	244261	5.981	ug/L	100
34) Trichloroethene	6.534	95	61986	5.723	ug/L	98
35) Methylcyclohexane	6.756	83	81680	5.753	ug/L	99
37) 1,2-Dichloropropane	6.785	63	64668	5.861	ug/L	100
38) Bromodichloromethane	7.100	83	78826	5.703	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	83198	5.770	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	316716	64.873	ug/L	97
42) Toluene	7.962	91	266011	6.121	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70327	5.839	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	51773	6.141	ug/L	98
47) Tetrachloroethene	8.547	164	51458	5.746	ug/L	98
48) 2-Hexanone	8.679	43	239082	66.883	ug/L	99
49) Dibromochloromethane	8.804	129	56410	6.049	ug/L	97
50) 1,2-Dibromoethane	8.917	107	46340	6.079	ug/L	98
51) Chlorobenzene	9.441	112	167239	5.890	ug/L	99
52) Ethylbenzene	9.563	91	265172	6.118	ug/L	100
53) m,p-Xylene	9.688	106	104579	6.246	ug/L	95
54) o-Xylene	10.094	106	99435	6.210	ug/L	95
55) Styrene	10.110	104	175467	6.438	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63806	6.187	ug/L	98
59) Bromoform	10.283	173	35988	5.879	ug/L	99
60) Isopropylbenzene	10.479	105	264989	6.015	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	43377	6.108	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	198839	5.907	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	197730	6.079	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	138970	5.862	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	136401	5.652	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	129132	5.691	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.990	75	8166	5.900	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	97668	5.459	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	77257	5.674	ug/L	100
71) Naphthalene	14.084	128	108357	5.617	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	71593	5.846	ug/L	99

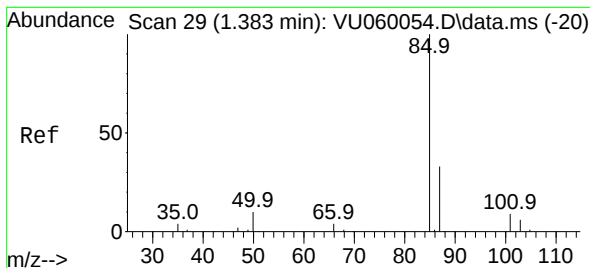
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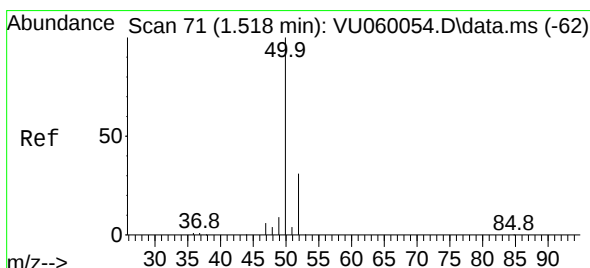
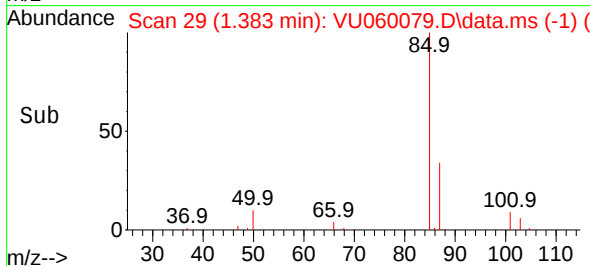
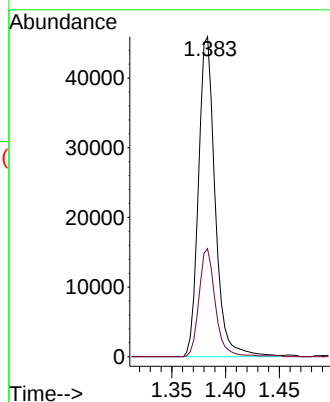
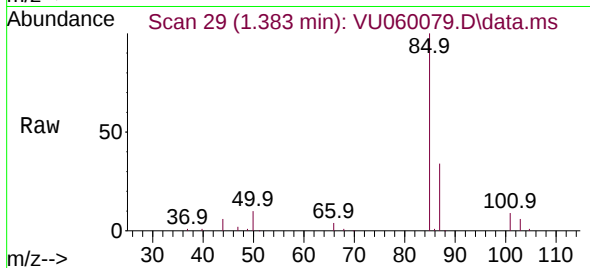




#2
 Dichlorodifluoromethane
 Concen: 5.411 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060079.D
 Acq: 19 Jul 2024 22:41

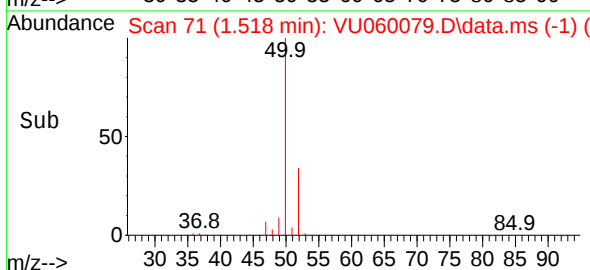
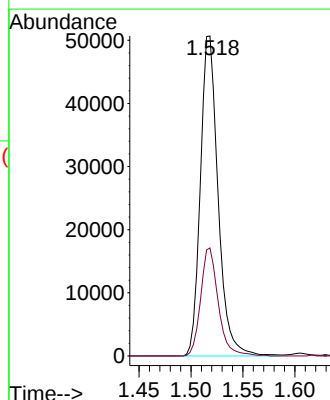
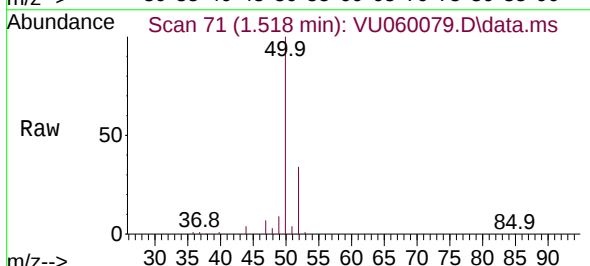
Instrument :
 MSVOA_U
 ClientSampleId :

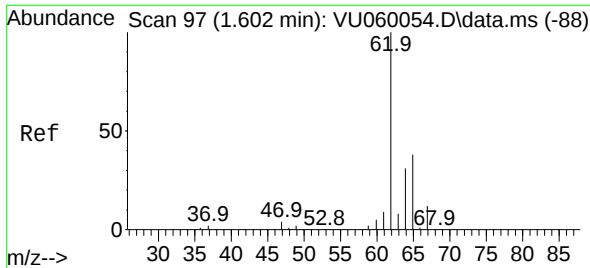
Tgt Ion: 85 Resp: 49520
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.1 39.1



#3
 Chloromethane
 Concen: 5.450 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060079.D
 Acq: 19 Jul 2024 22:41

Tgt Ion: 50 Resp: 60241
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.4

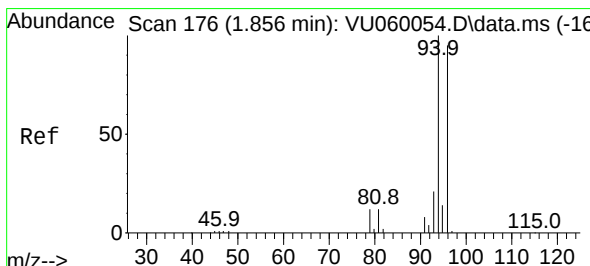
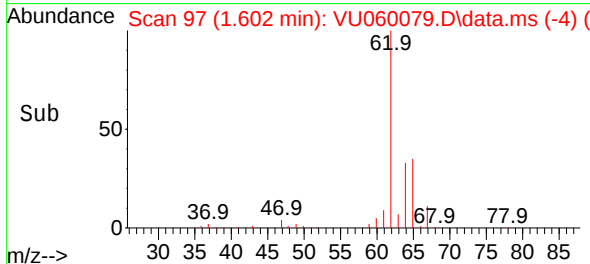
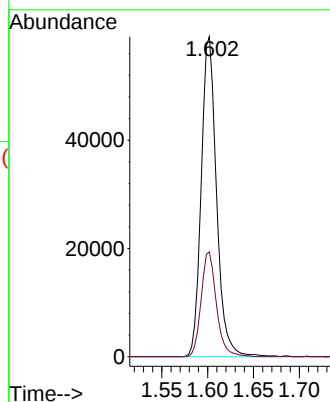
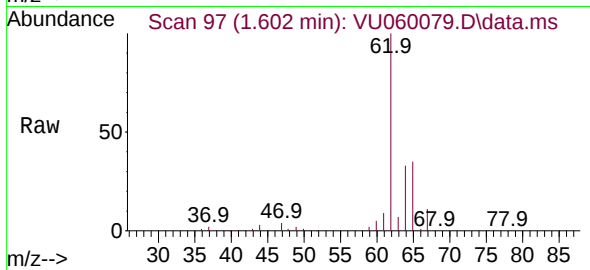




#5
 Vinyl chloride
 Concen: 5.540 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060079.D
 Acq: 19 Jul 2024 22:41

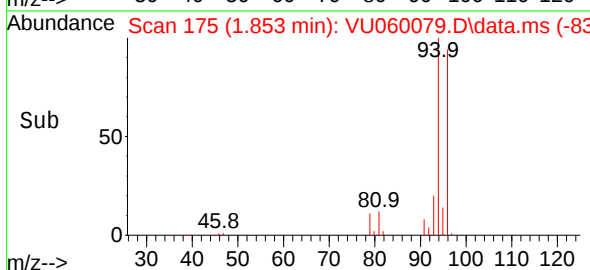
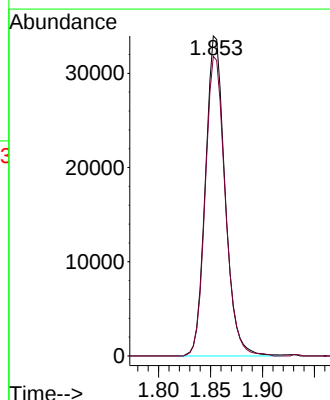
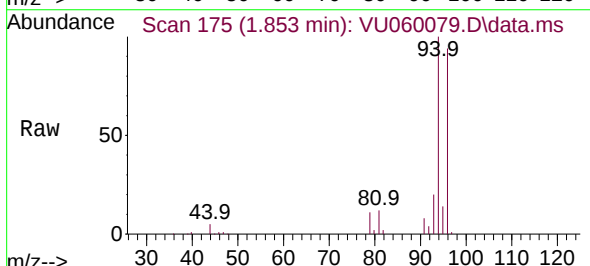
Instrument :
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 ClientSampleId :

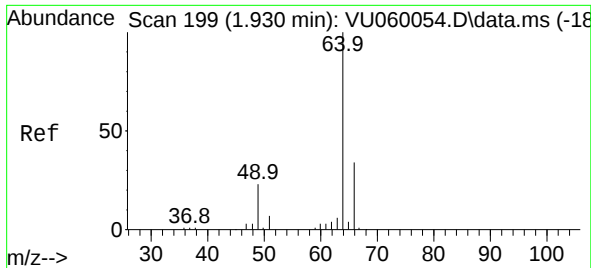
Tgt Ion: 62 Resp: 68652
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#6
 Bromomethane
 Concen: 5.518 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU060079.D
 Acq: 19 Jul 2024 22:41

Tgt Ion: 94 Resp: 44514
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.6 123.6

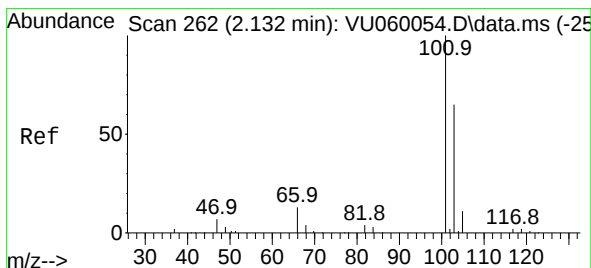
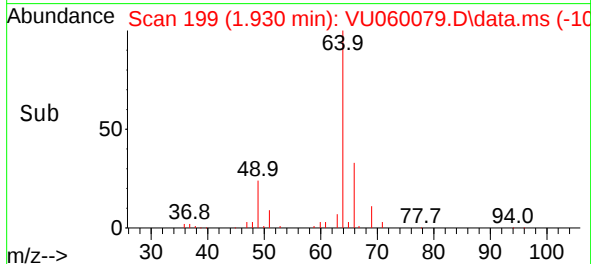
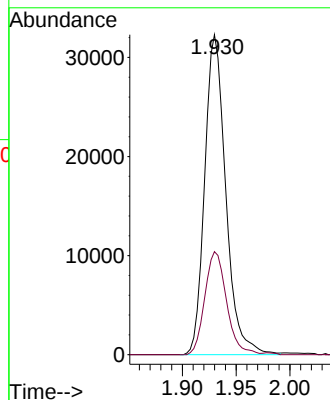
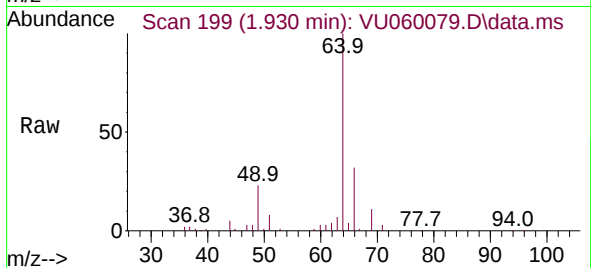




#8
Chloroethane
Concen: 5.444 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

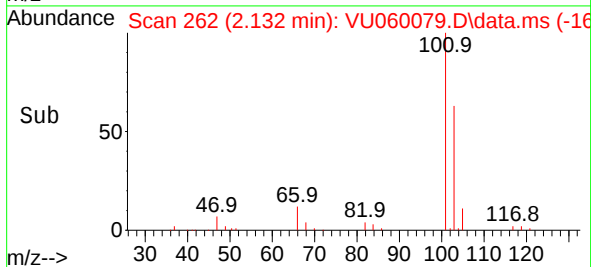
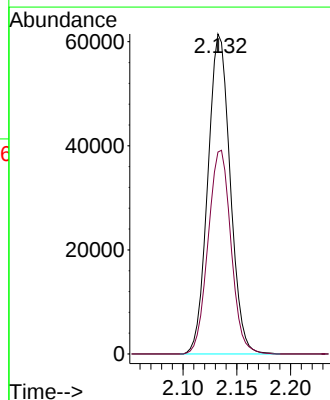
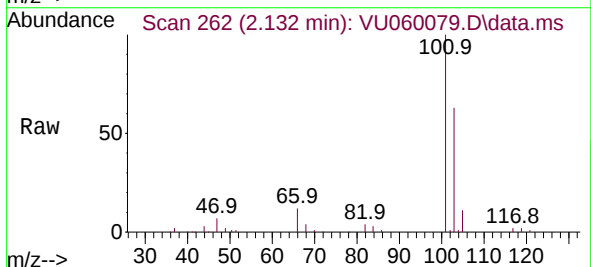
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MSVOA_U
ClientSampleId :

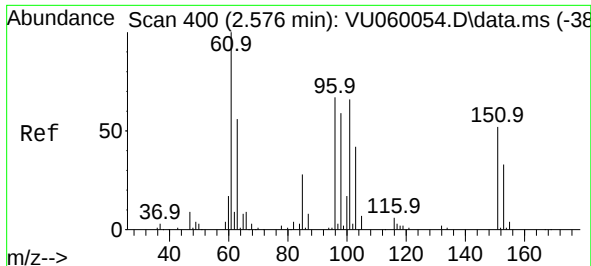
Tgt Ion: 64 Resp: 44061
Ion Ratio Lower Upper
64 100
66 32.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.686 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion:101 Resp: 88852
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.530 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

ClientSampleId :

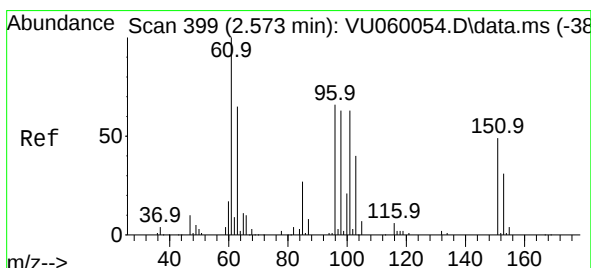
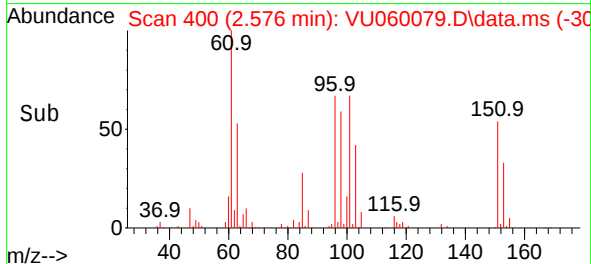
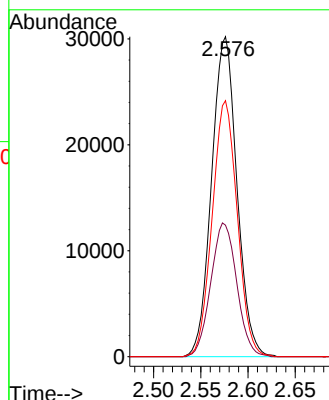
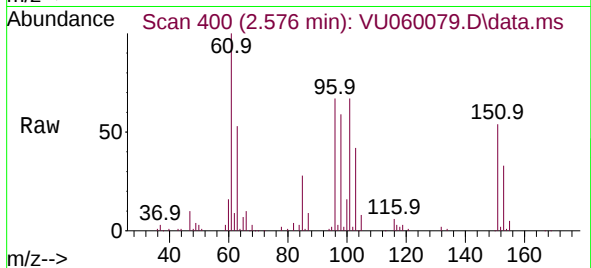
Tgt Ion:101 Resp: 56396

Ion Ratio Lower Upper

101 100

85 42.7 33.2 49.8

151 79.0 61.8 92.8



#12

1,1-Dichloroethene

Concen: 5.510 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

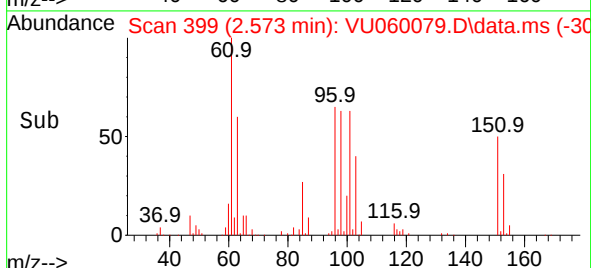
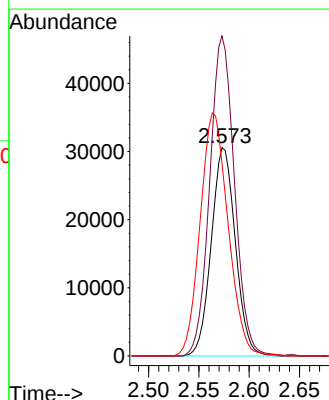
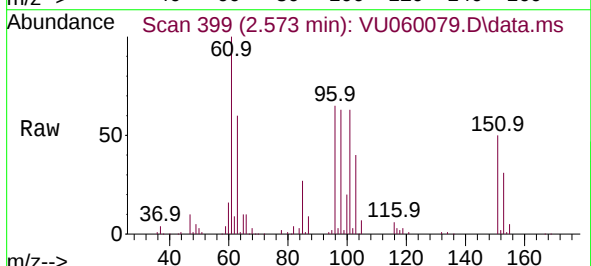
Tgt Ion: 96 Resp: 50898

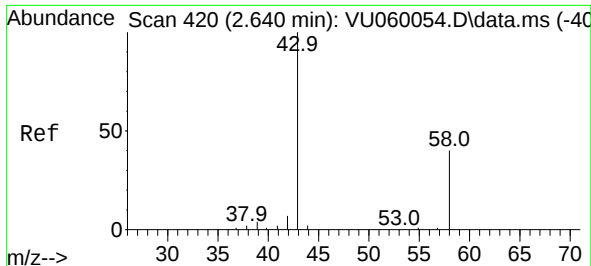
Ion Ratio Lower Upper

96 100

61 153.6 107.0 198.6

63 92.6 76.4 142.0





#13

Acetone

Concen: 57.712 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

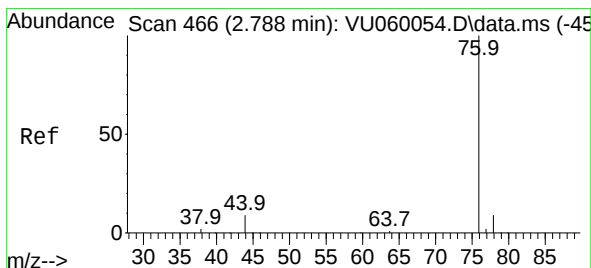
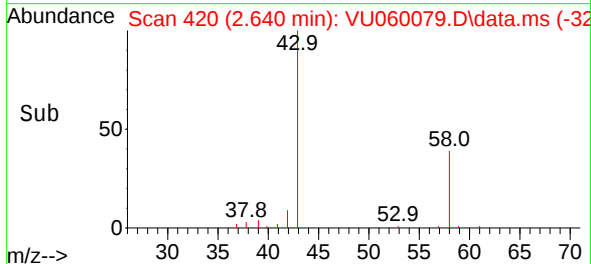
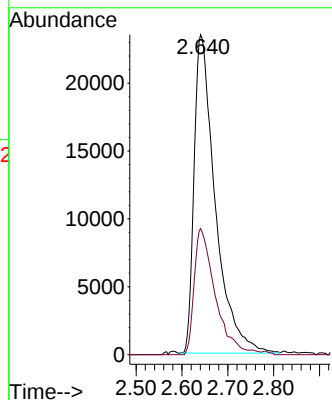
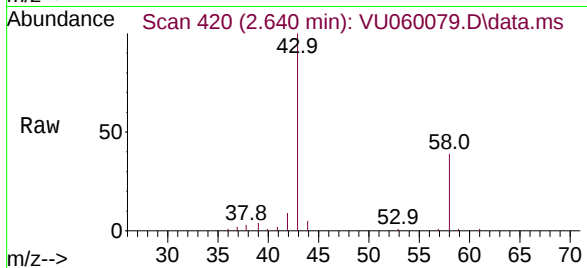
ClientSampleId :

Tgt Ion: 43 Resp: 75152

Ion Ratio Lower Upper

43 100

58 38.8 0.0 82.2



#14

Carbon disulfide

Concen: 5.453 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060079.D

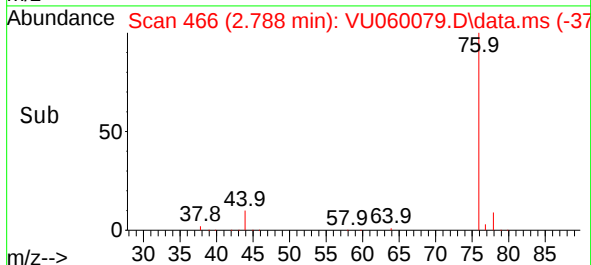
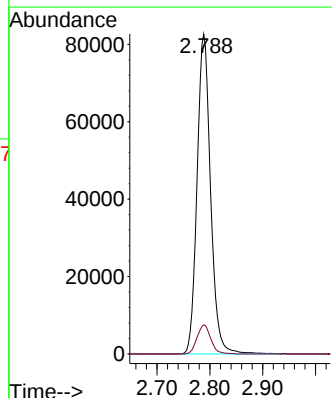
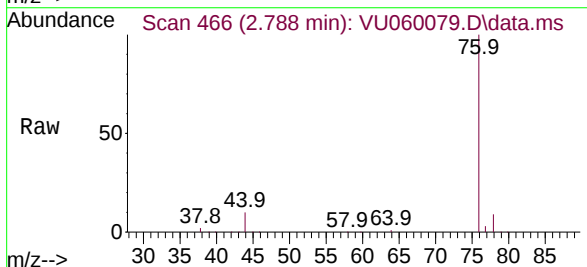
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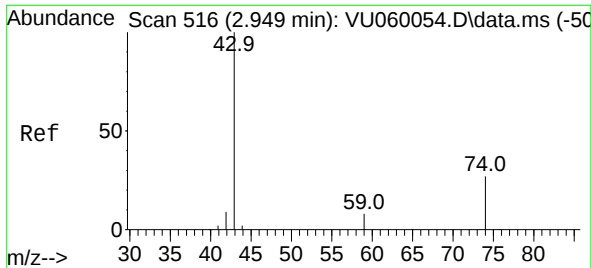
Tgt Ion: 76 Resp: 146677

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 6.247 ug/L

RT: 2.956 min Scan# 516

Delta R.T. 0.006 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

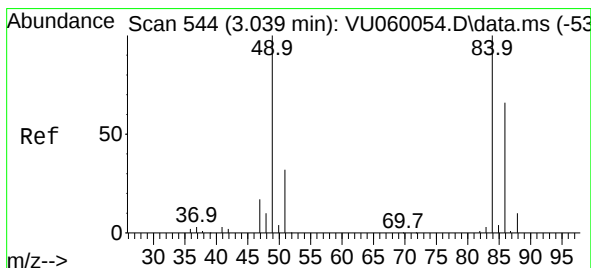
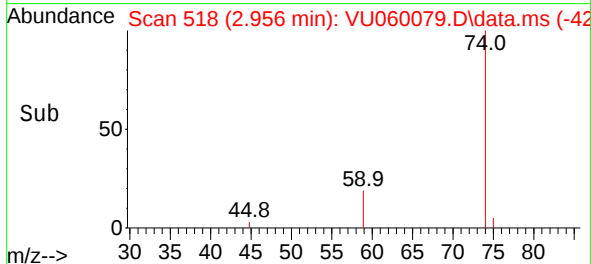
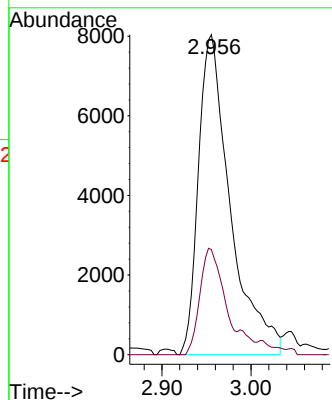
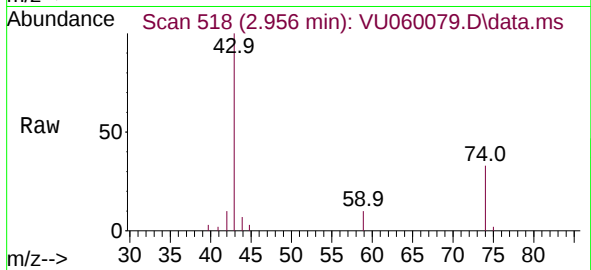
ClientSampleId :

Tgt Ion: 43 Resp: 20007

Ion Ratio Lower Upper

43 100

74 27.6 23.5 35.3



#16

Methylene chloride

Concen: 5.543 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

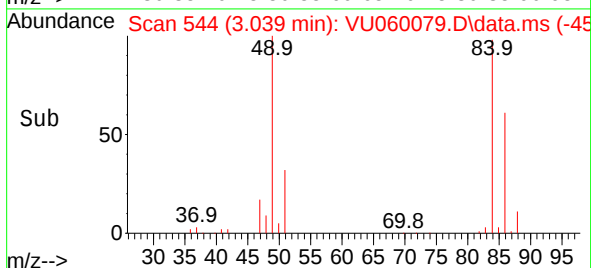
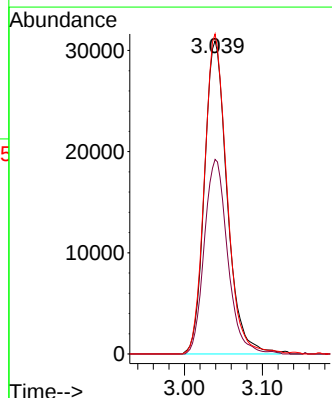
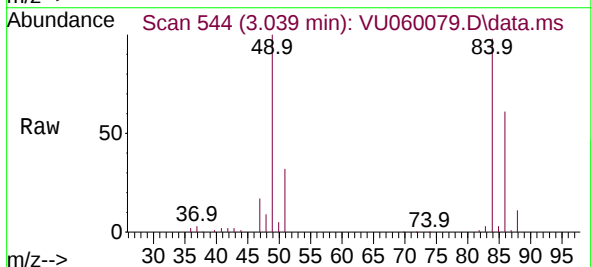
Tgt Ion: 84 Resp: 62777

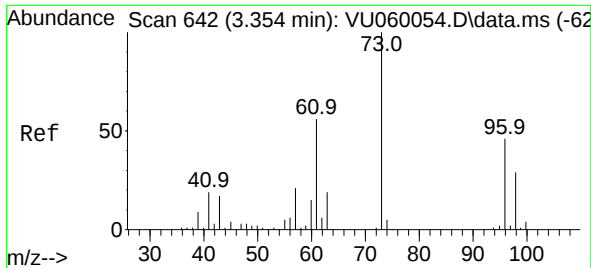
Ion Ratio Lower Upper

84 100

86 62.1 44.4 82.5

49 102.2 72.0 133.6

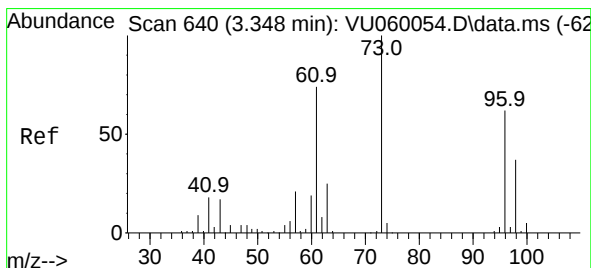
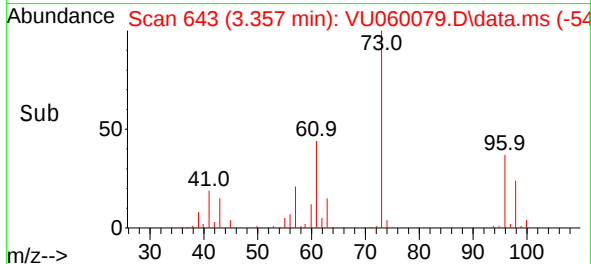
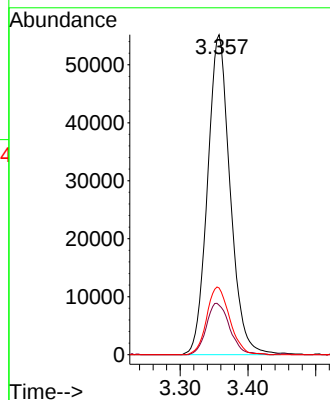
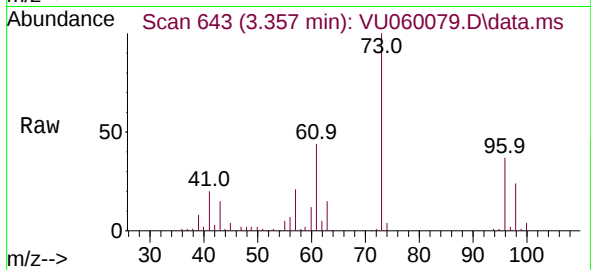




#17
Methyl tert-butyl Ether
Concen: 6.065 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

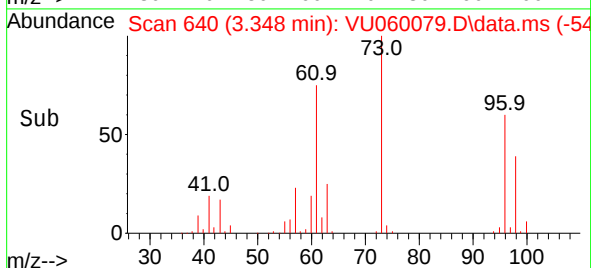
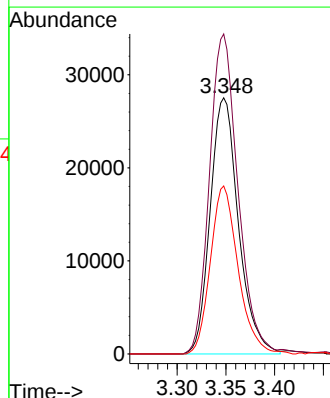
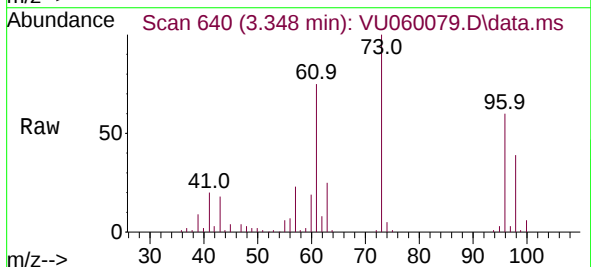
Instrument :
MSVOA_U
ClientSampleId :

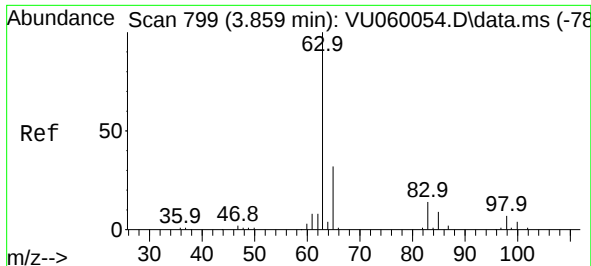
Tgt Ion: 73 Resp: 127768
Ion Ratio Lower Upper
73 100
43 16.5 13.1 19.7
57 21.4 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.785 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

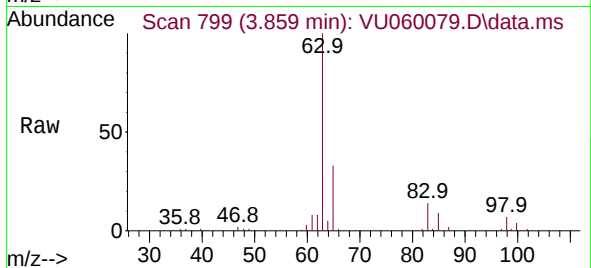
Tgt Ion: 96 Resp: 55582
Ion Ratio Lower Upper
96 100
61 124.9 91.6 170.0
98 65.6 47.7 88.5



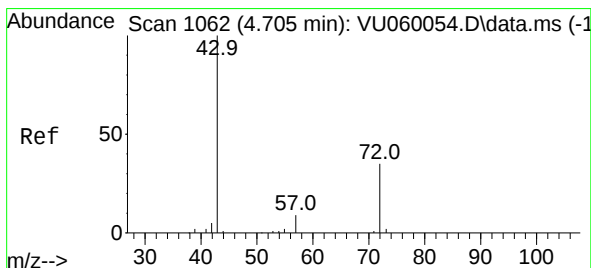
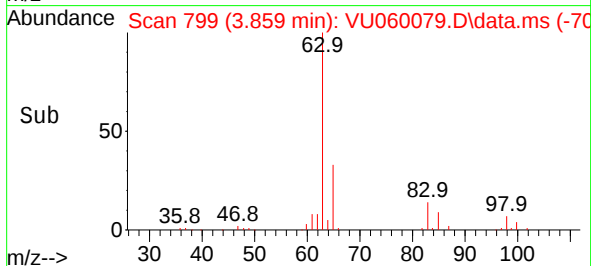
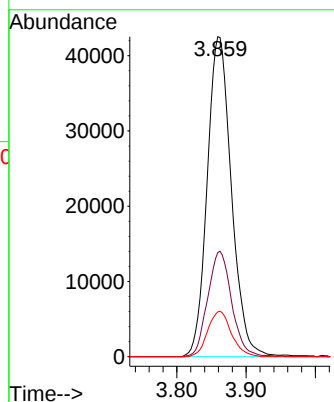


#19
1,1-Dichloroethane
Concen: 5.652 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Instrument :
MSVOA_U
ClientSampleId :

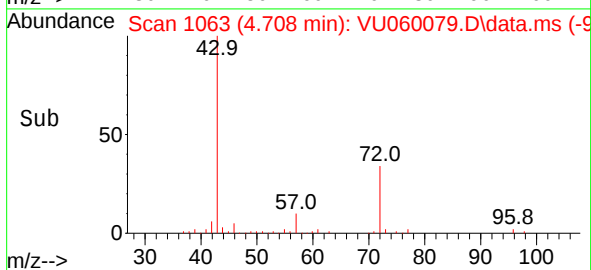
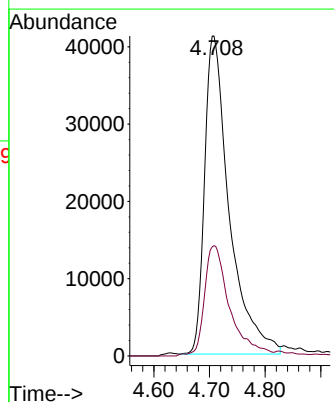
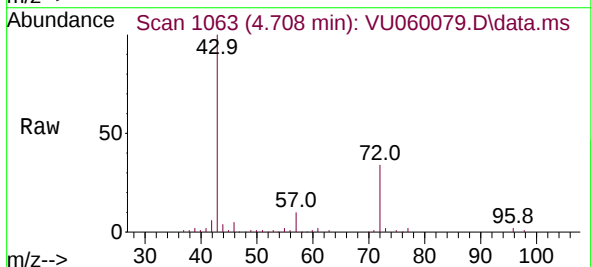


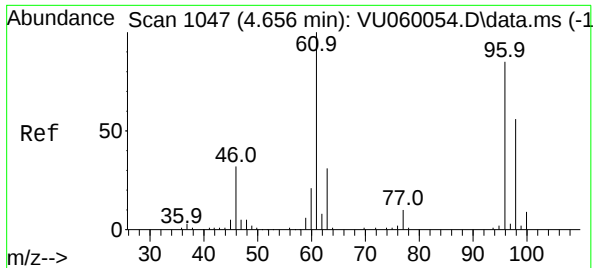
Tgt Ion: 63 Resp: 103116
Ion Ratio Lower Upper
63 100
65 32.6 22.0 40.8
83 14.0 9.7 17.9



#21
2-Butanone
Concen: 61.592 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion: 43 Resp: 126967
Ion Ratio Lower Upper
43 100
72 33.4 16.3 48.9

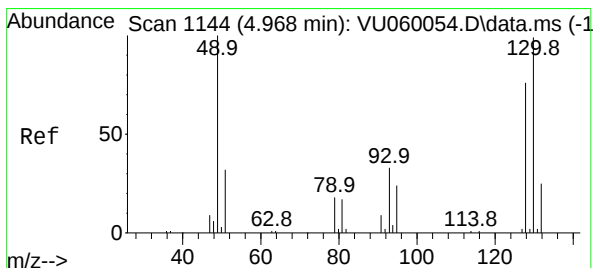
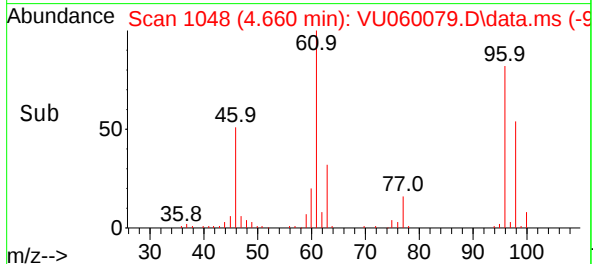
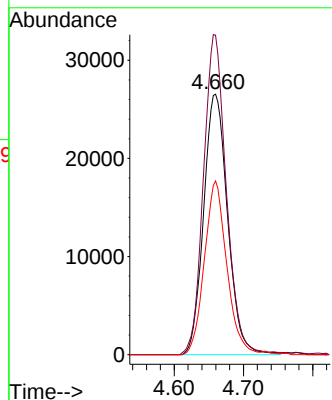
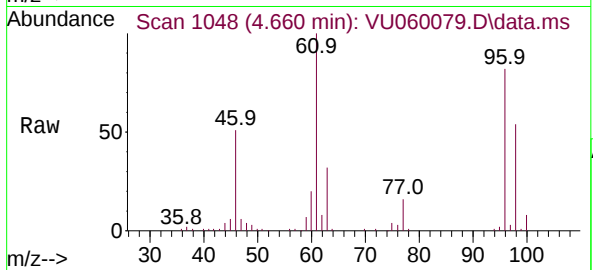




#22
cis-1,2-Dichloroethene
Concen: 5.936 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

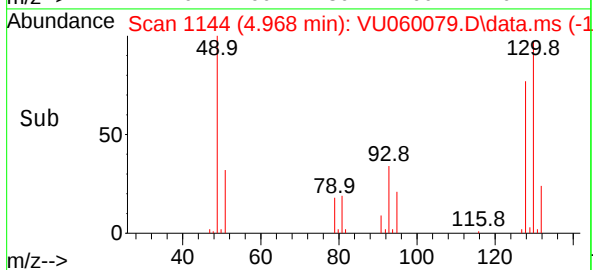
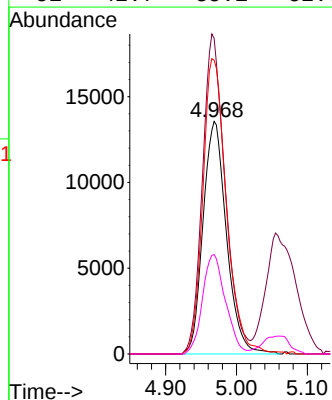
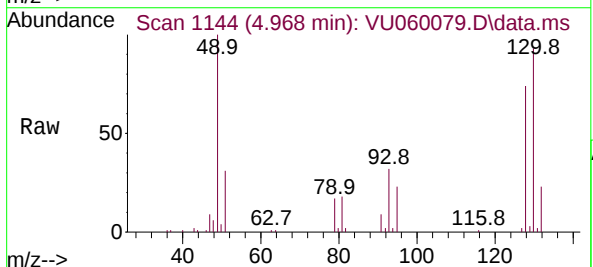
Instrument :
MSVOA_U
ClientSampleId :

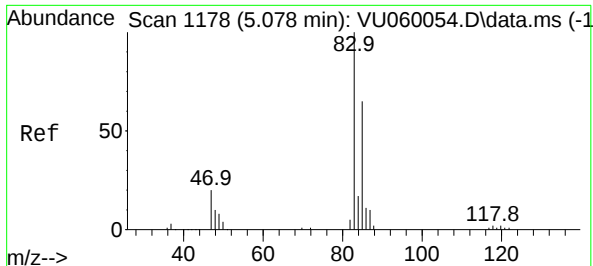
Tgt Ion: 96 Resp: 63889
Ion Ratio Lower Upper
96 100
61 122.7 80.2 148.9
98 66.7 44.7 83.1



#23
Bromochloromethane
Concen: 5.950 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion: 128 Resp: 31121
Ion Ratio Lower Upper
128 100
49 140.6 92.3 171.3
130 126.3 87.1 161.7
51 42.7 35.1 52.7





#25

Chloroform

Concen: 5.586 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

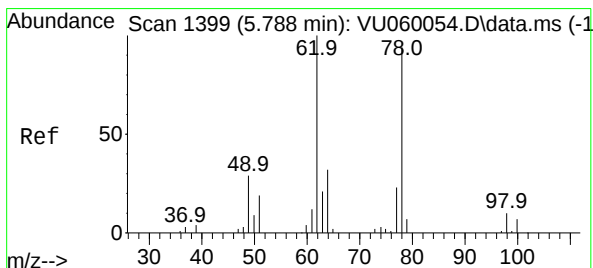
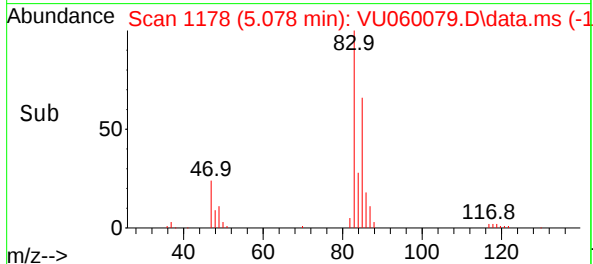
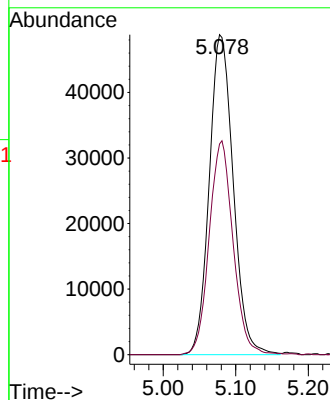
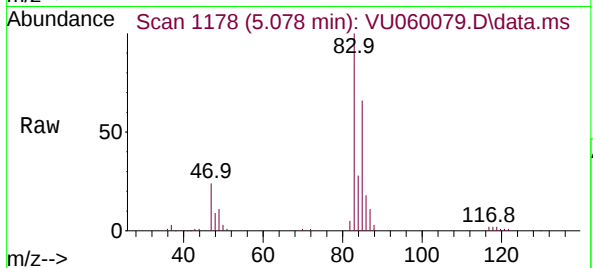
ClientSampleId :

Tgt Ion: 83 Resp: 112070

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.843 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060079.D

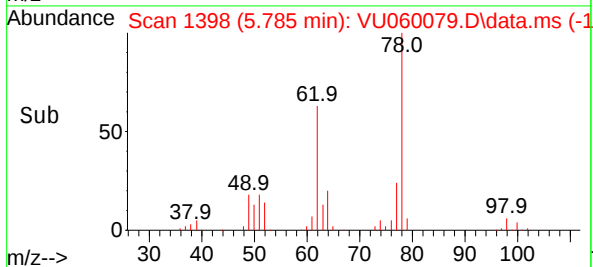
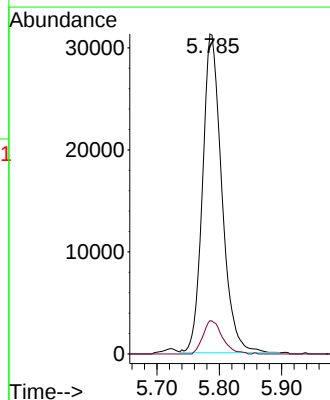
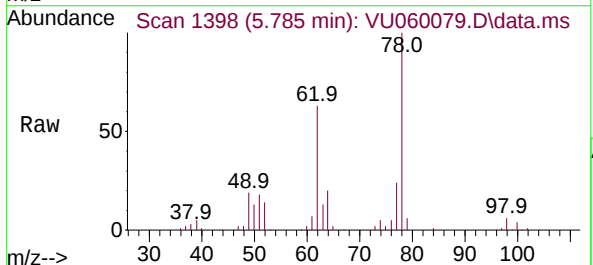
Acq: 19 Jul 2024 22:41

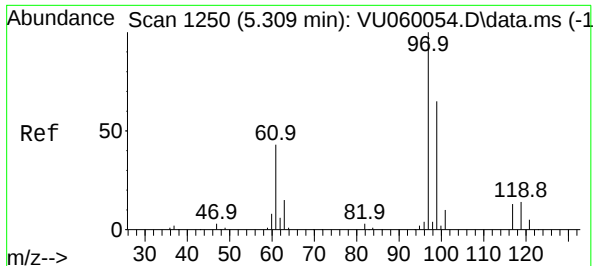
Tgt Ion: 62 Resp: 67016

Ion Ratio Lower Upper

62 100

98 10.4 7.9 11.9

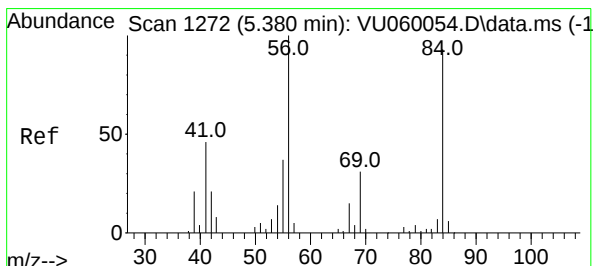
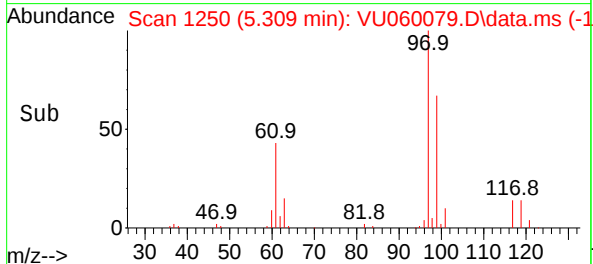
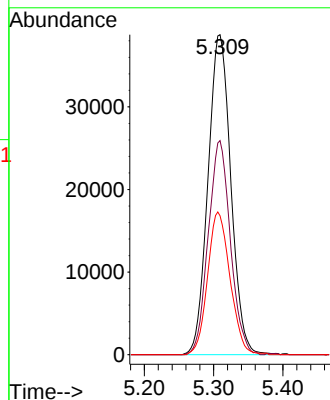
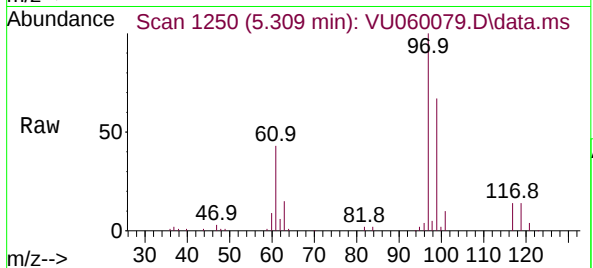




#29
1,1,1-Trichloroethane
Concen: 5.758 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

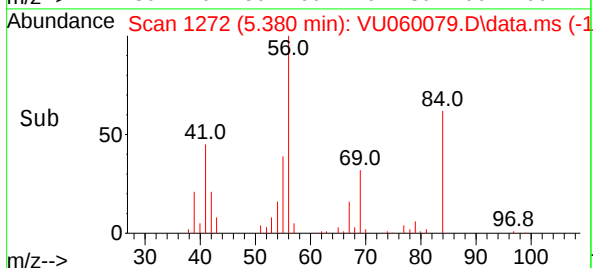
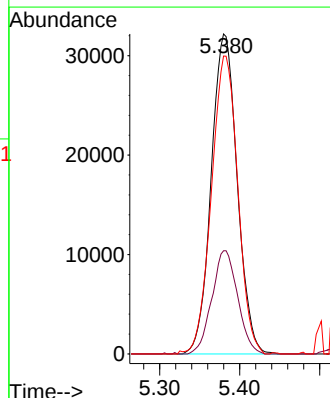
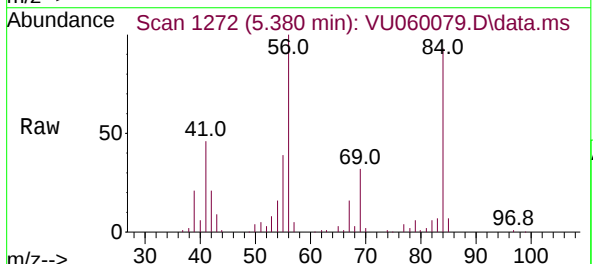
Instrument :
MSVOA_U
ClientSampleId :

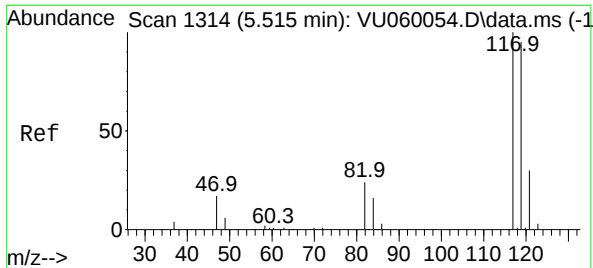
Tgt Ion: 97 Resp: 88903
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 43.7 34.1 51.1



#30
Cyclohexane
Concen: 5.942 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion: 56 Resp: 72560
Ion Ratio Lower Upper
56 100
69 32.0 26.6 39.8
84 94.6 77.2 115.8

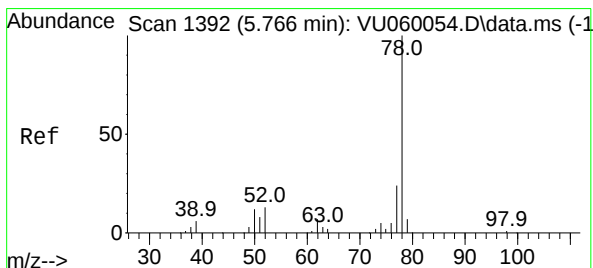
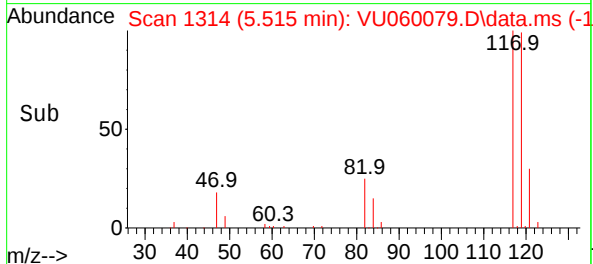
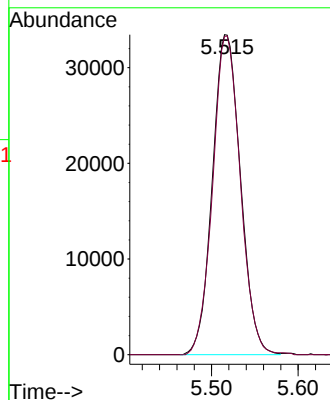
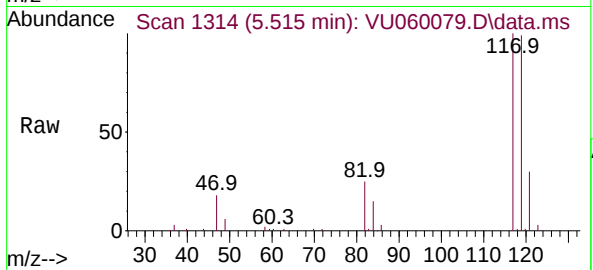




#31
Carbon tetrachloride
Concen: 5.649 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

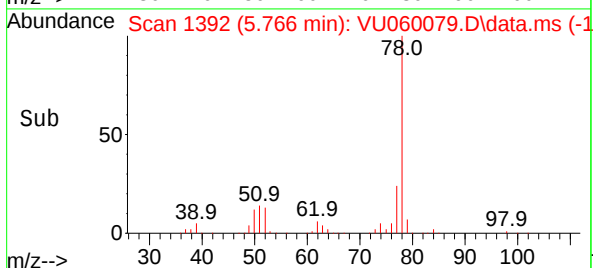
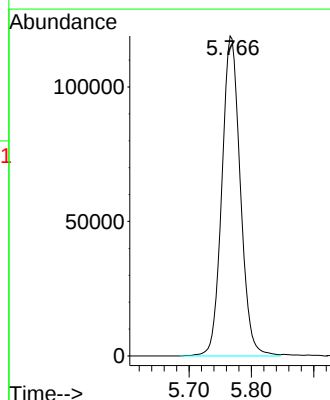
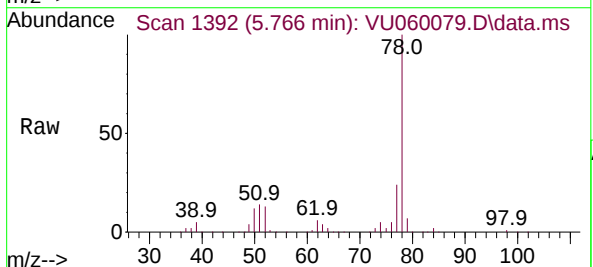
Instrument :
MSVOA_U
ClientSampleId :

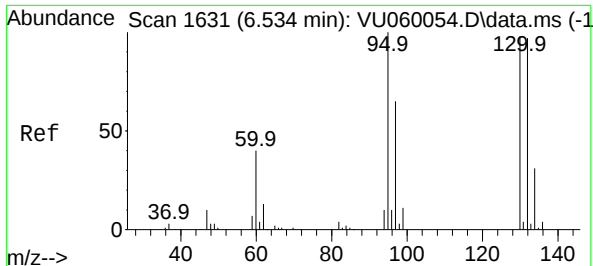
Tgt Ion:117 Resp: 75255
Ion Ratio Lower Upper
117 100
119 98.2 75.6 113.4



#33
Benzene
Concen: 5.981 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion: 78 Resp: 244261





#34

Trichloroethene

Concen: 5.723 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 61986

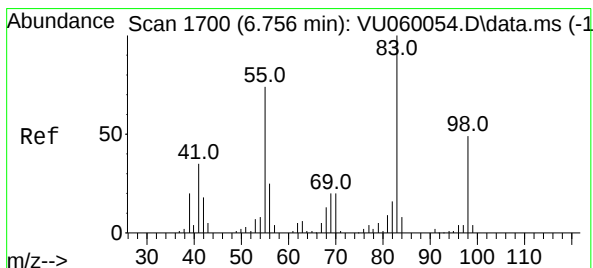
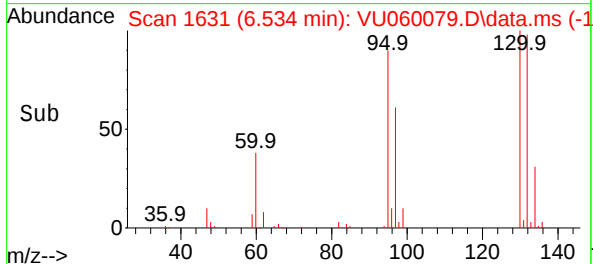
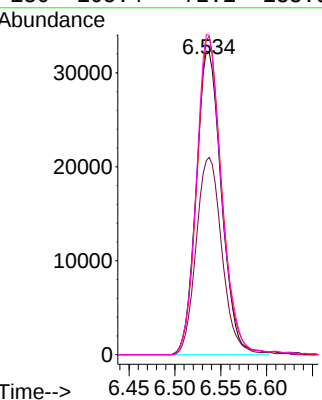
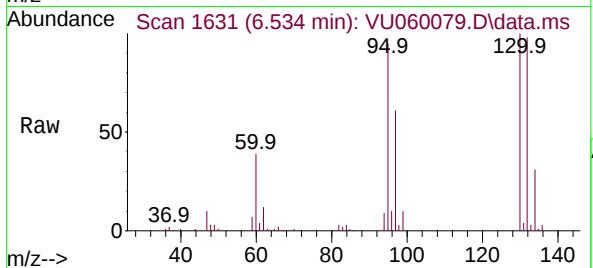
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 103.6 71.4 132.6

130 105.4 72.1 133.9



#35

Methylcyclohexane

Concen: 5.753 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

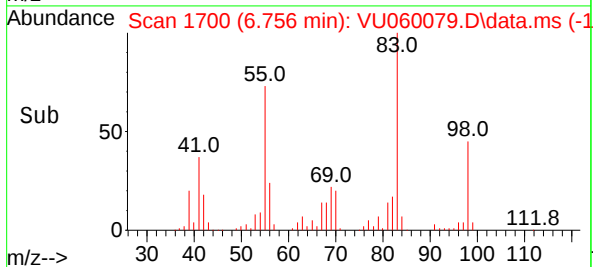
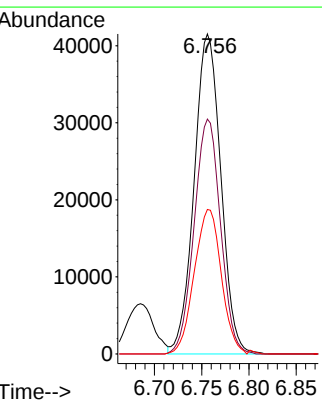
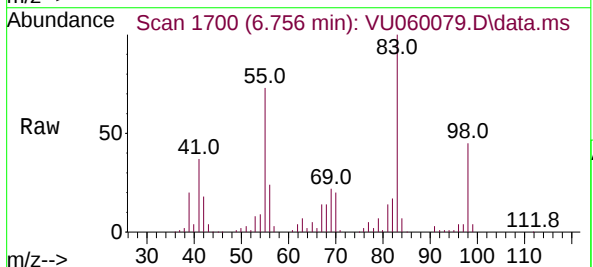
Tgt Ion: 83 Resp: 81680

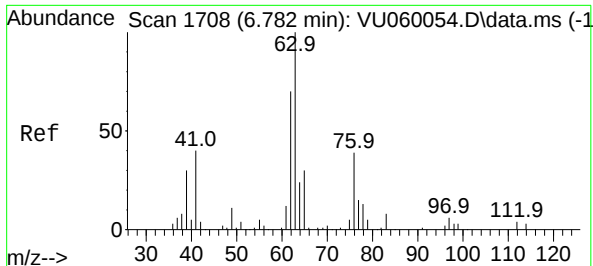
Ion Ratio Lower Upper

83 100

55 72.5 56.7 85.1

98 45.6 36.6 55.0

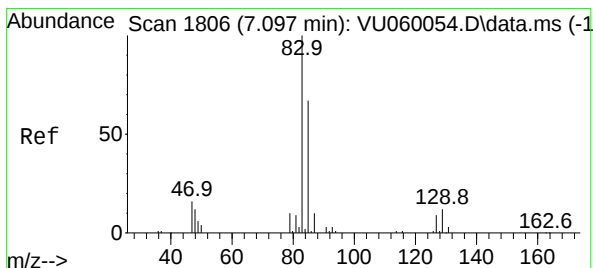
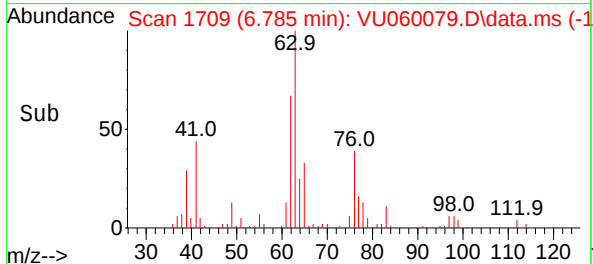
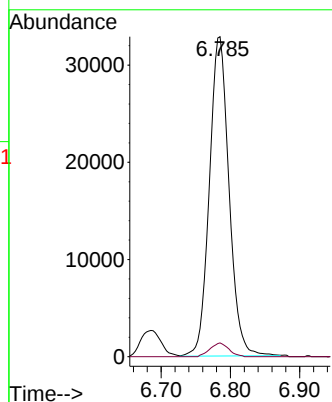
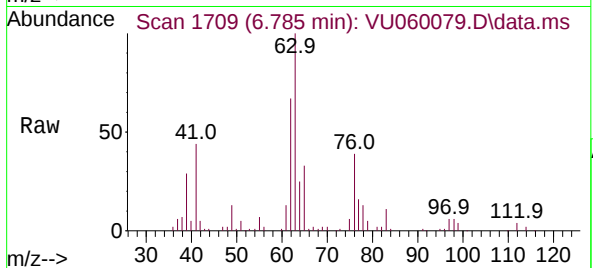




#37
1,2-Dichloropropane
Concen: 5.861 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

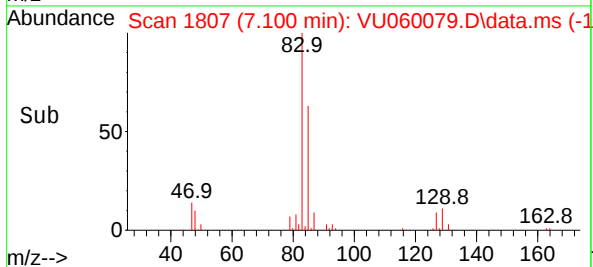
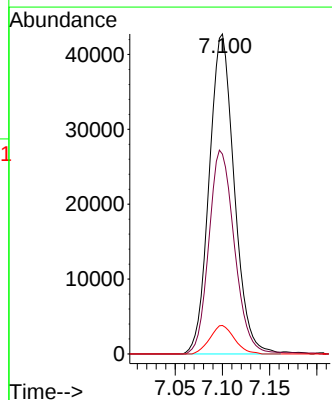
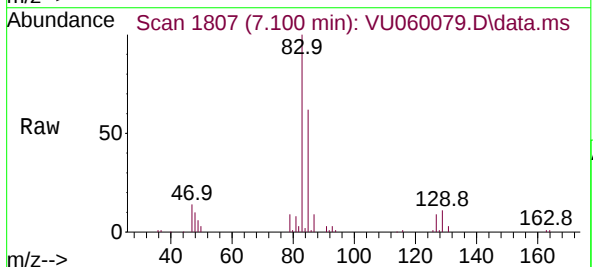
Instrument :
MSVOA_U
ClientSampleId :

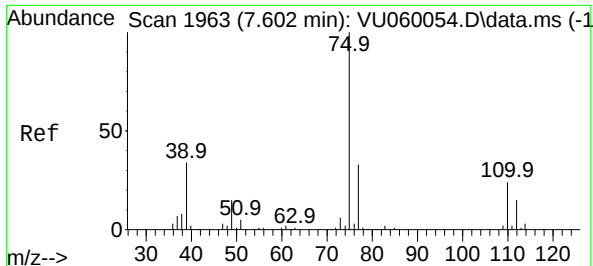
Tgt Ion: 63 Resp: 64668
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.703 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion: 83 Resp: 78826
Ion Ratio Lower Upper
83 100
85 62.5 43.5 80.7
127 8.9 7.1 10.7

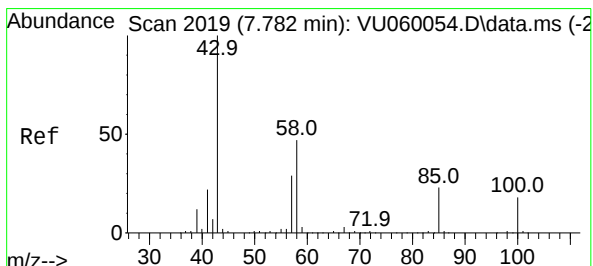
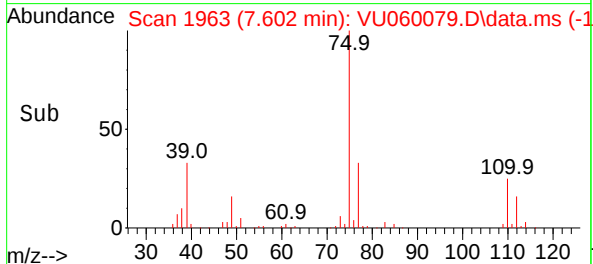
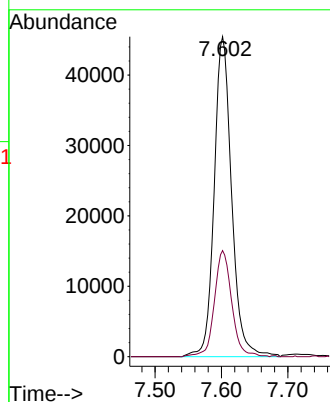
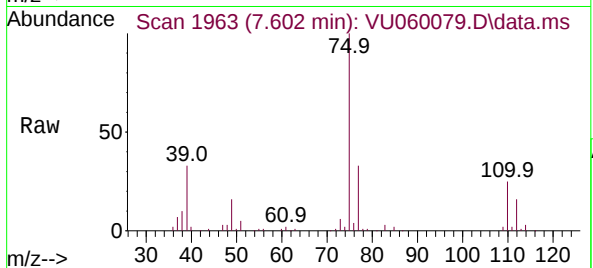




#39
 cis-1,3-Dichloropropene
 Concen: 5.770 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060079.D
 Acq: 19 Jul 2024 22:41

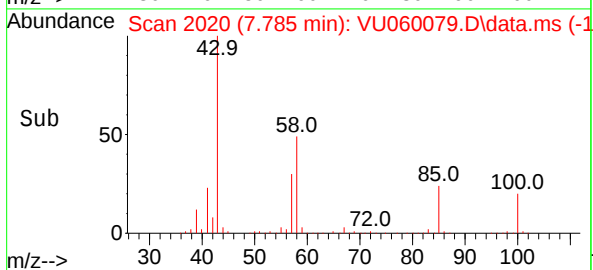
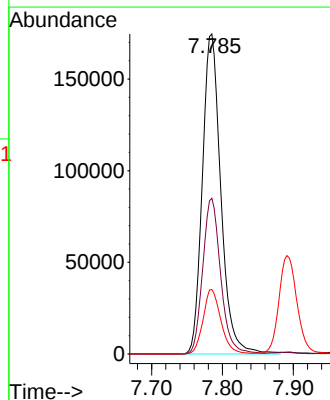
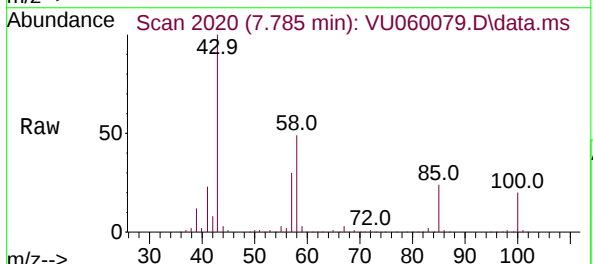
Instrument :
 MSVOA_U
 ClientSampleId :

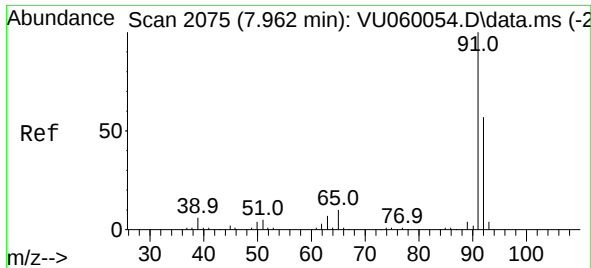
Tgt Ion: 75 Resp: 83198
 Ion Ratio Lower Upper
 75 100
 77 33.1 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 64.873 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU060079.D
 Acq: 19 Jul 2024 22:41

Tgt Ion: 43 Resp: 316716
 Ion Ratio Lower Upper
 43 100
 58 47.2 36.0 54.0
 100 19.5 14.9 22.3





#42

Toluene

Concen: 6.121 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

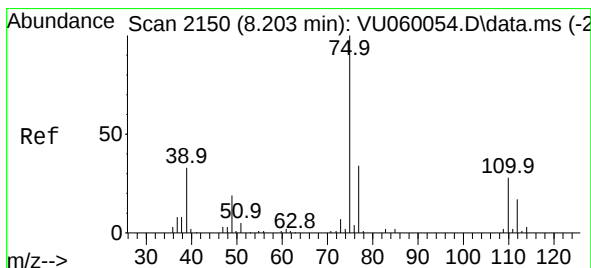
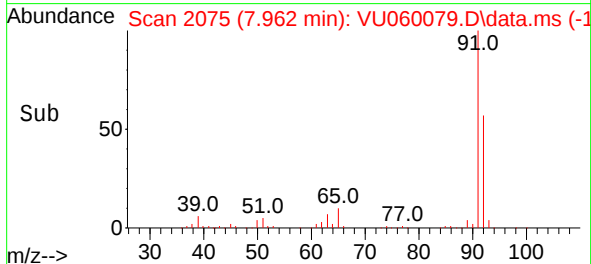
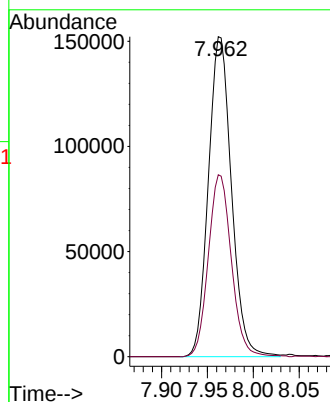
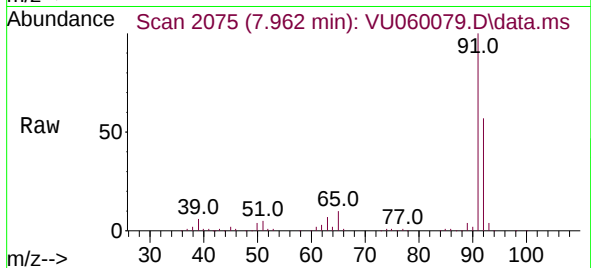
ClientSampleId :

Tgt Ion: 91 Resp: 266011

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 5.839 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060079.D

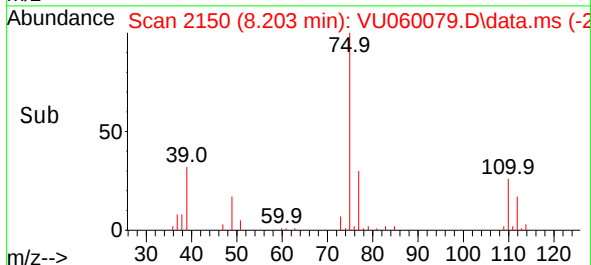
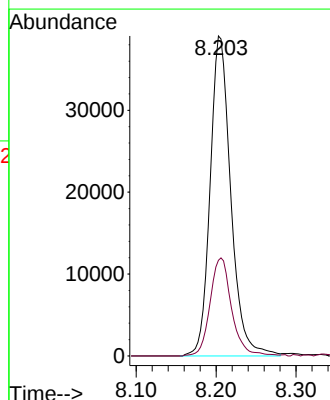
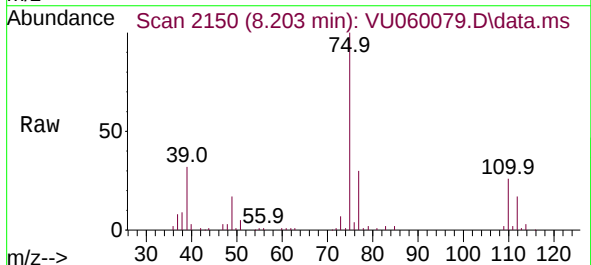
Acq: 19 Jul 2024 22:41

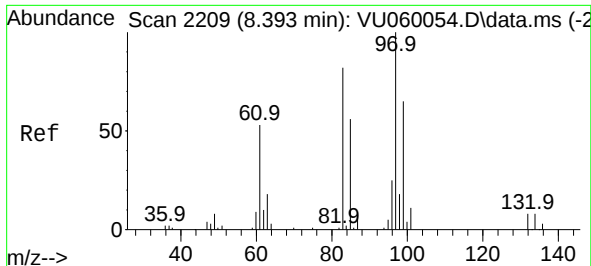
Tgt Ion: 75 Resp: 70327

Ion Ratio Lower Upper

75 100

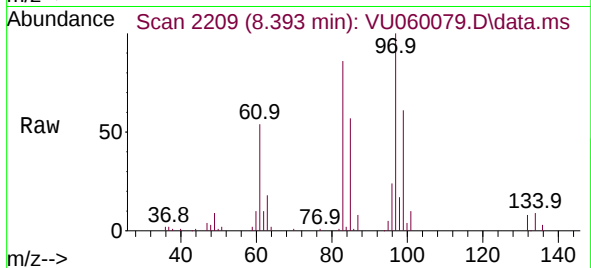
77 29.9 22.6 42.0



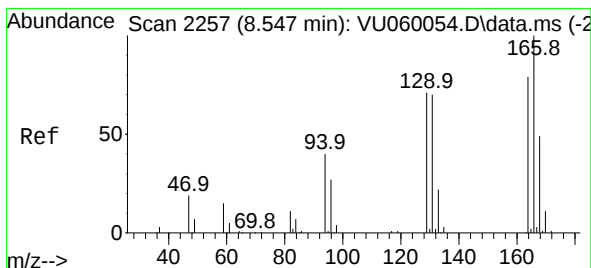
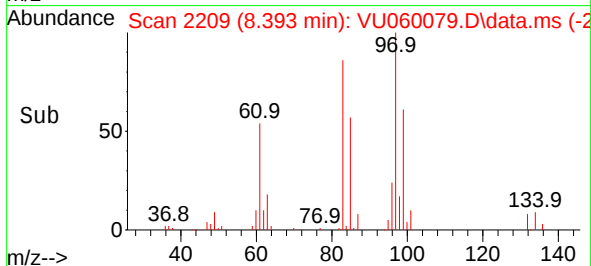
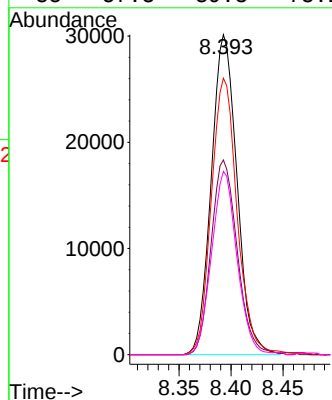


#45
1,1,2-Trichloroethane
Concen: 6.141 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Instrument :
MSVOA_U
ClientSampleId :

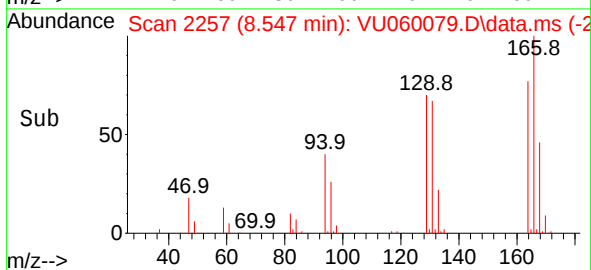
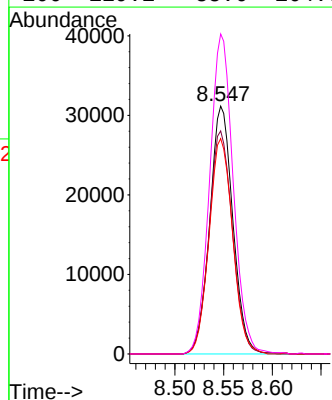
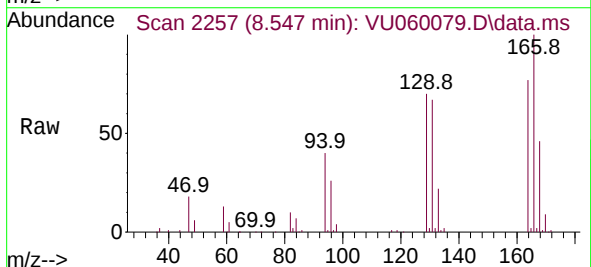


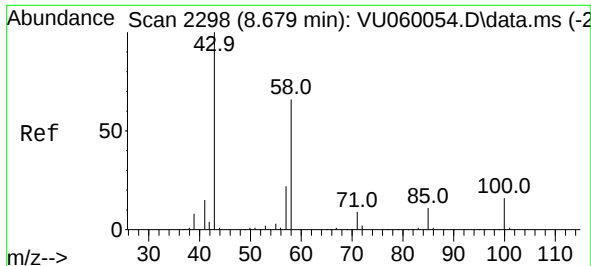
Tgt Ion:	97	Resp:	51773
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.4
83	86.4	62.1	115.3
85	57.3	39.3	73.1



#47
Tetrachloroethene
Concen: 5.746 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

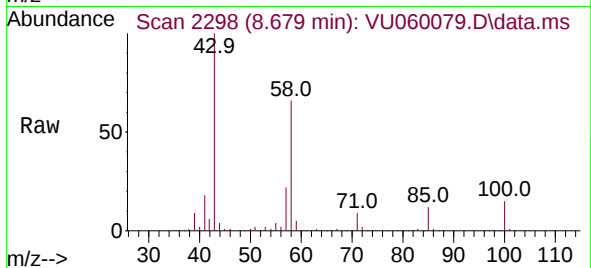
Tgt Ion:	164	Resp:	51458
Ion	Ratio	Lower	Upper
164	100		
129	90.0	64.6	120.0
131	86.9	61.2	113.8
166	129.1	88.6	164.6



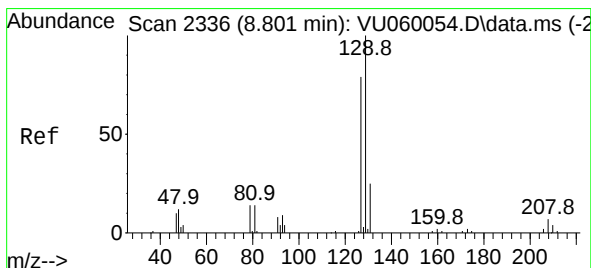
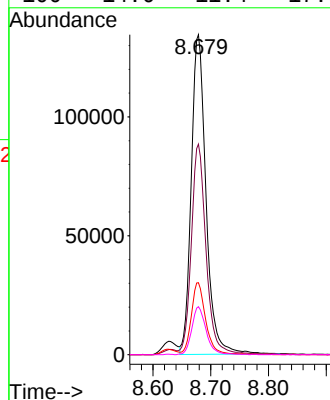
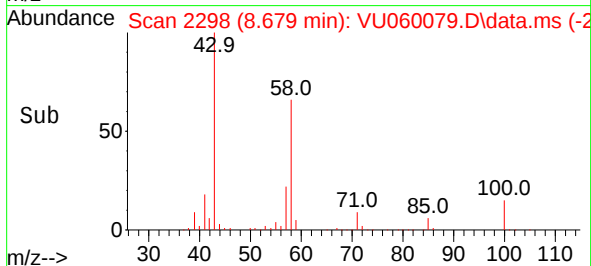


#48
2-Hexanone
Concen: 66.883 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Instrument :
MSVOA_U
ClientSampleId :

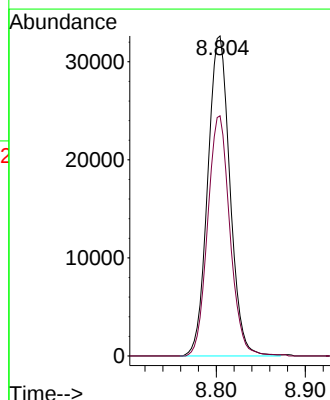
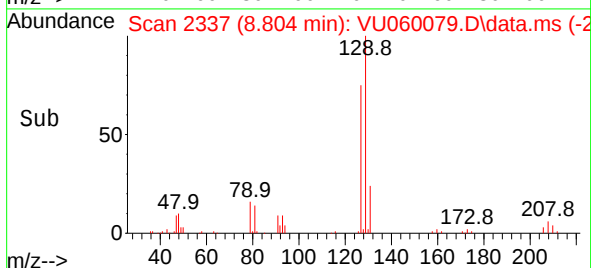
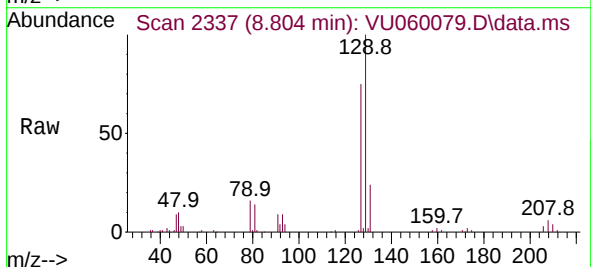


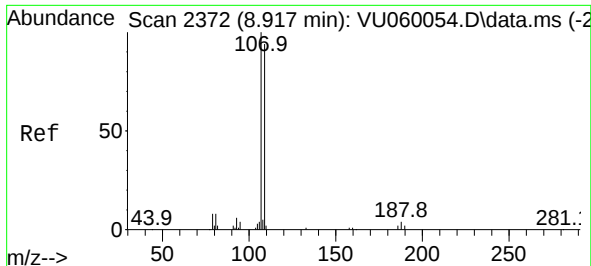
Tgt Ion: 43 Resp: 239082
Ion Ratio Lower Upper
43 100
58 65.1 52.6 78.8
57 21.6 17.8 26.8
100 14.6 11.4 17.0



#49
Dibromochloromethane
Concen: 6.049 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion:129 Resp: 56410
Ion Ratio Lower Upper
129 100
127 75.0 54.6 101.4

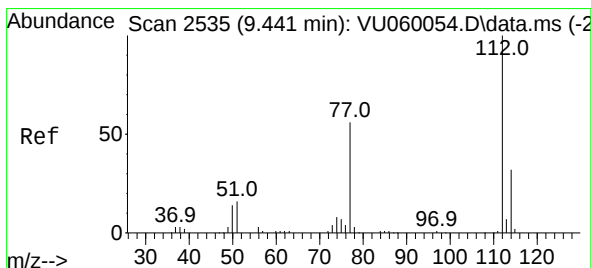
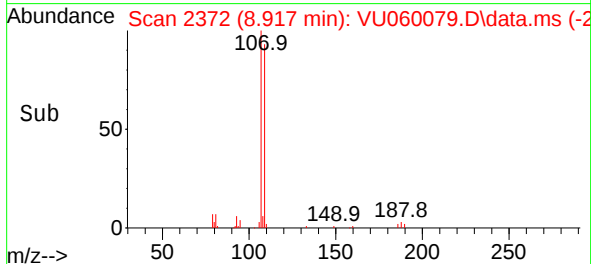
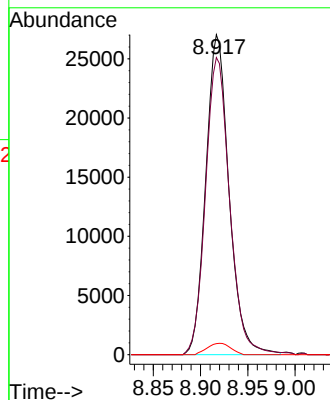
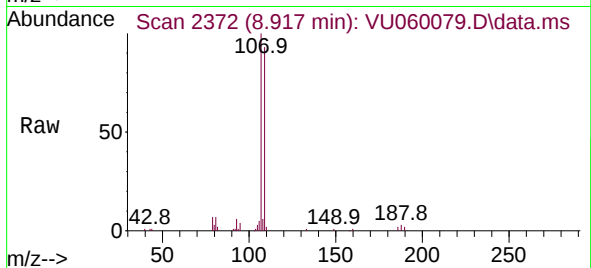




#50
1,2-Dibromoethane
Concen: 6.079 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

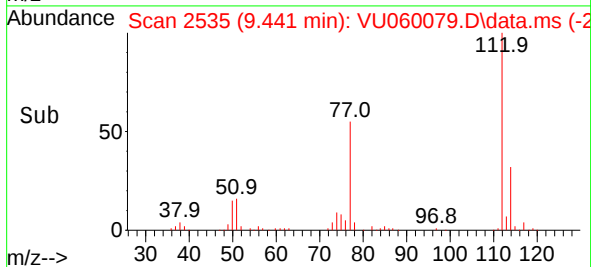
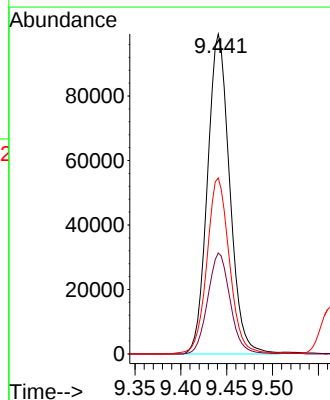
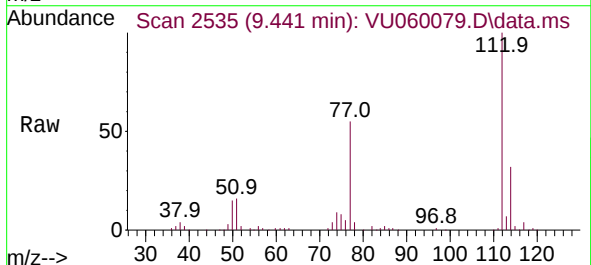
Instrument :
MSVOA_U
ClientSampleId :

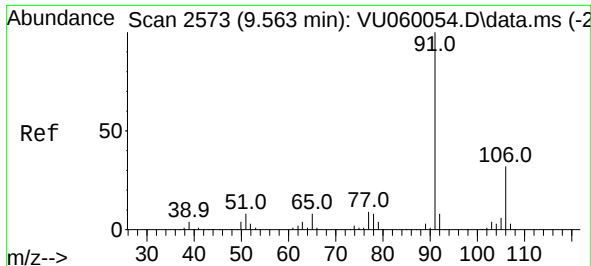
Tgt Ion:107 Resp: 46340
Ion Ratio Lower Upper
107 100
109 92.9 64.0 118.8
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 5.890 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion:112 Resp: 167239
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 55.0 44.7 67.1





#52

Ethylbenzene

Concen: 6.118 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

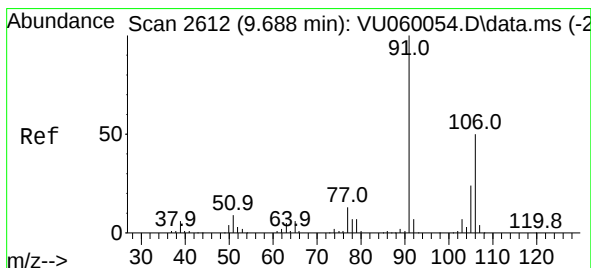
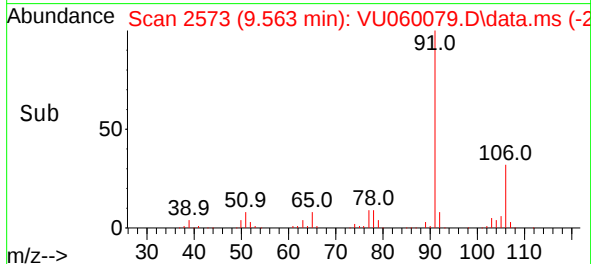
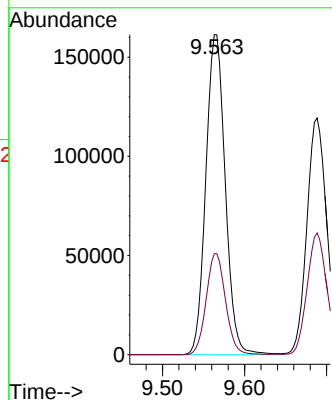
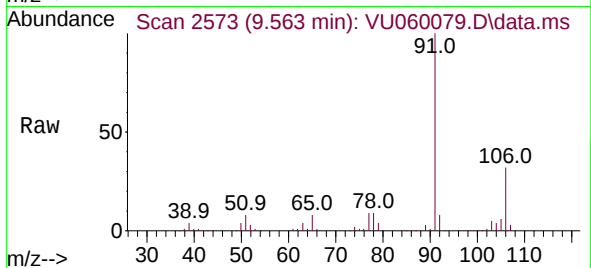
ClientSampleId :

Tgt Ion: 91 Resp: 265172

Ion Ratio Lower Upper

91 100

106 31.6 21.9 40.7



#53

m,p-Xylene

Concen: 6.246 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060079.D

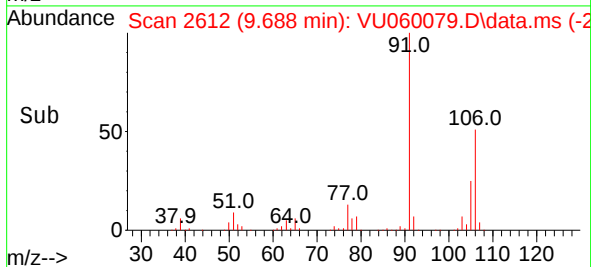
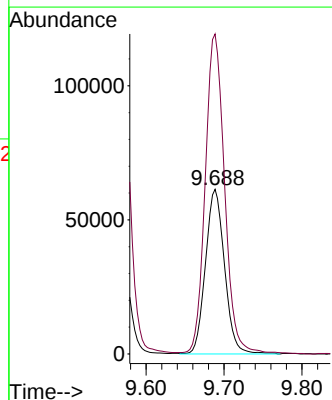
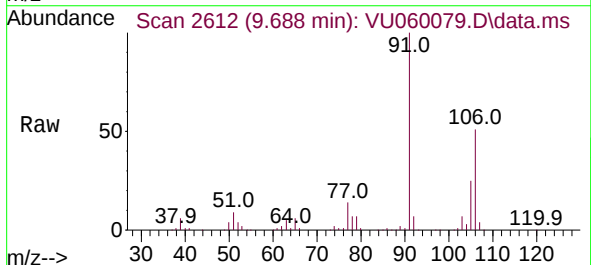
Acq: 19 Jul 2024 22:41

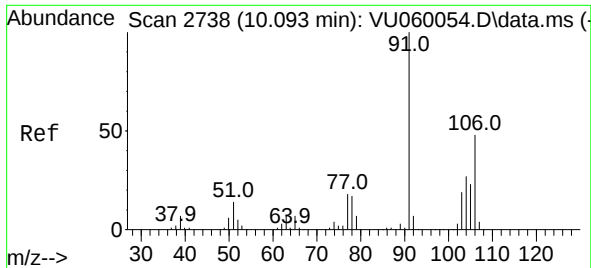
Tgt Ion:106 Resp: 104579

Ion Ratio Lower Upper

106 100

91 194.4 141.3 262.5

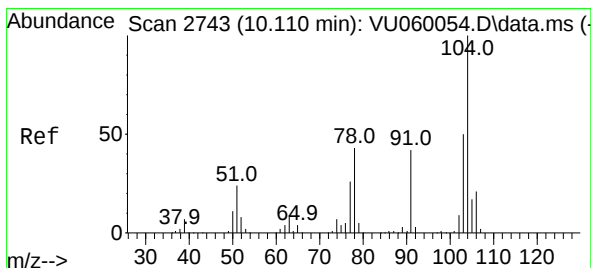
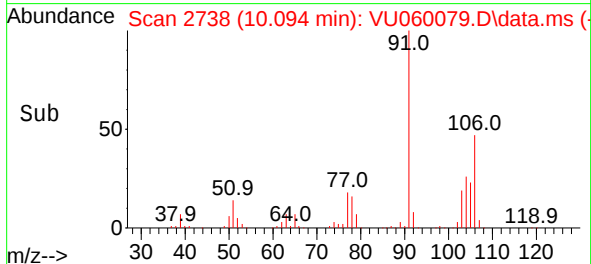
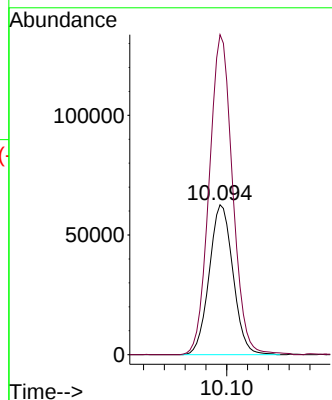
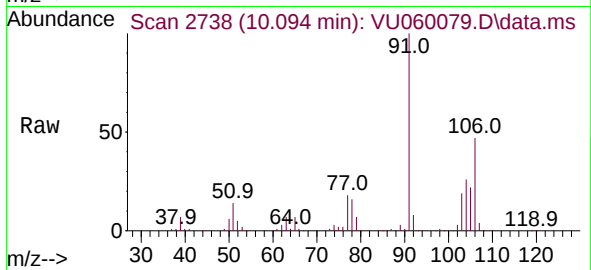




#54
o-Xylene
Concen: 6.210 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

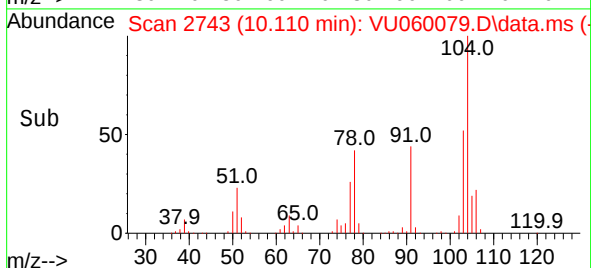
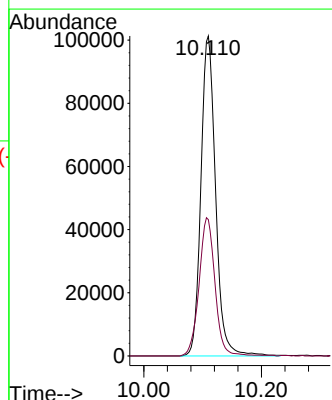
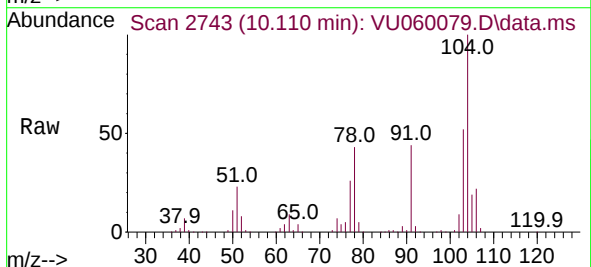
Instrument :
MSVOA_U
ClientSampleId :

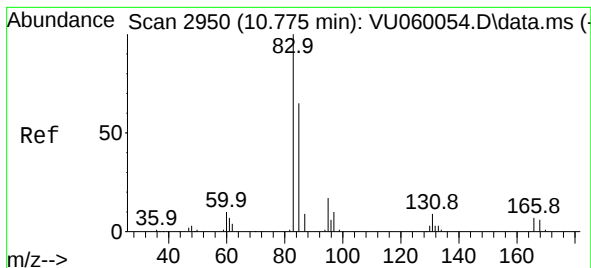
Tgt Ion:106 Resp: 99435
Ion Ratio Lower Upper
106 100
91 213.4 143.6 266.6



#55
Styrene
Concen: 6.438 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion:104 Resp: 175467
Ion Ratio Lower Upper
104 100
78 42.6 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 6.187 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

ClientSampleId :

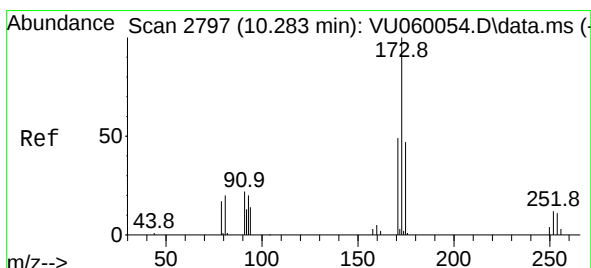
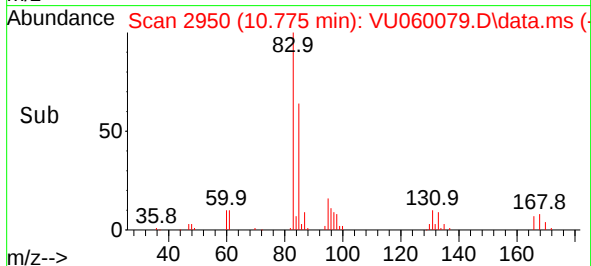
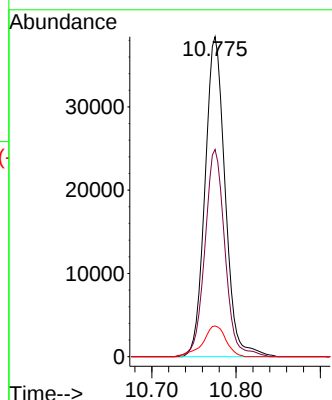
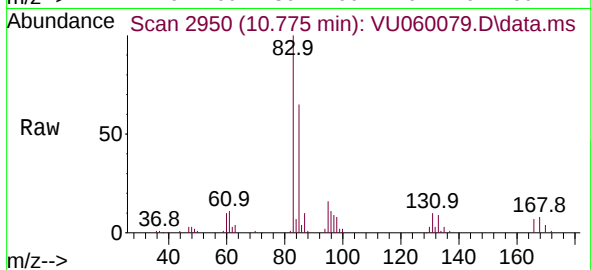
Tgt Ion: 83 Resp: 63806

Ion Ratio Lower Upper

83 100

85 64.8 46.8 87.0

131 9.6 7.8 11.6



#59

Bromoform

Concen: 5.879 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

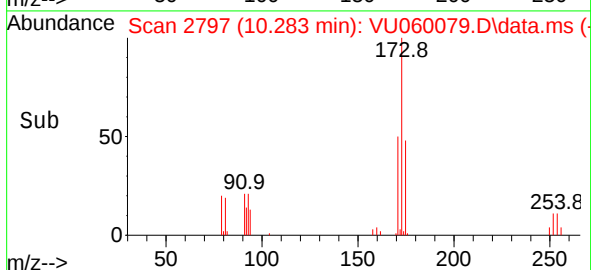
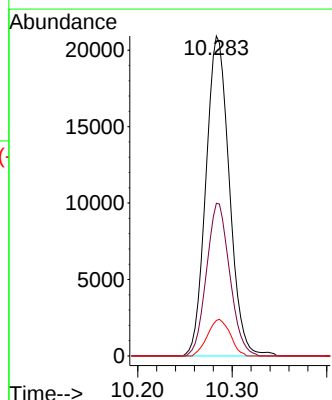
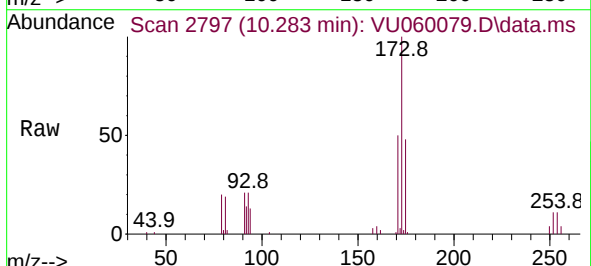
Tgt Ion:173 Resp: 35988

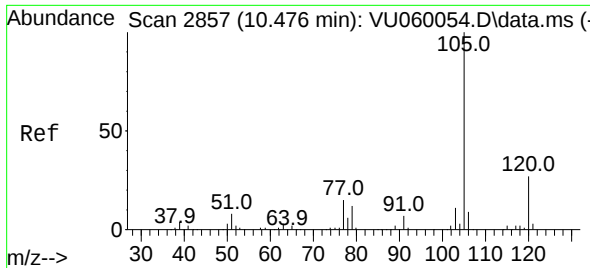
Ion Ratio Lower Upper

173 100

175 47.3 38.7 58.1

254 11.0 9.0 13.4

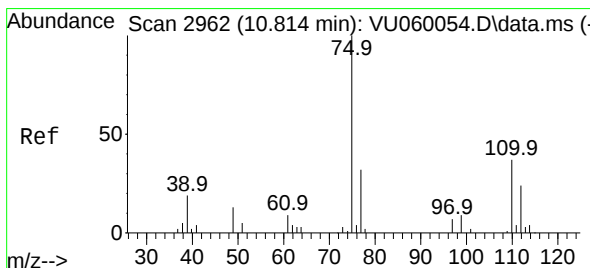
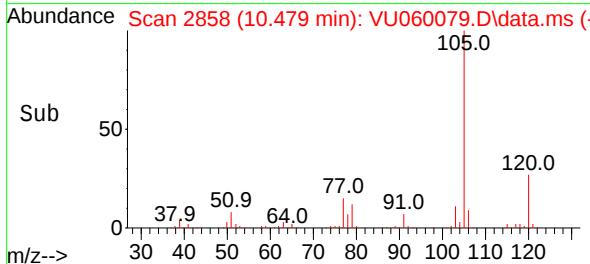
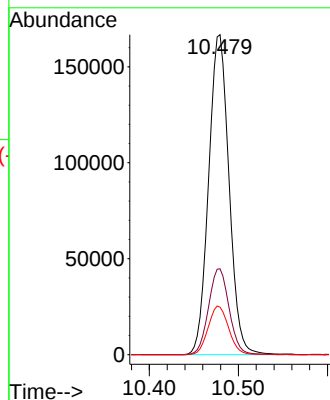
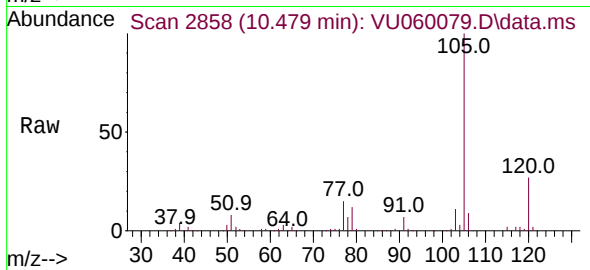




#60
Isopropylbenzene
Concen: 6.015 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

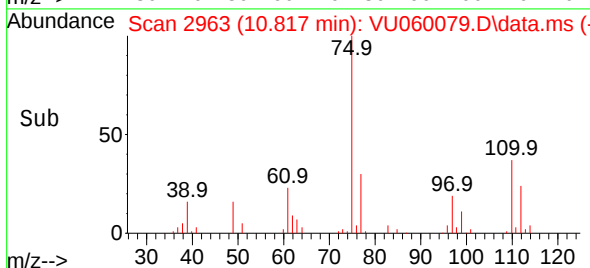
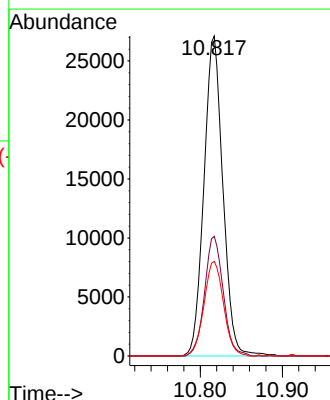
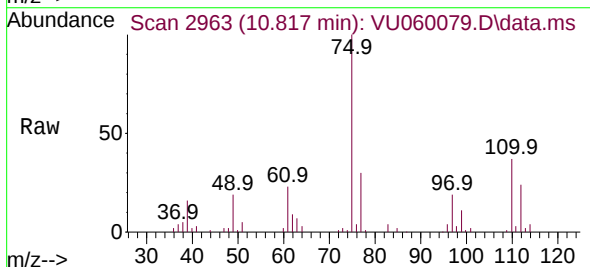
Instrument :
MSVOA_U
ClientSampleId :

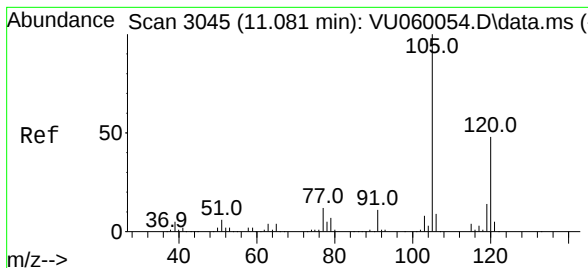
Tgt Ion:105 Resp: 264989
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 6.108 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion: 75 Resp: 43377
Ion Ratio Lower Upper
75 100
110 36.6 30.8 46.2
77 30.6 26.2 39.2

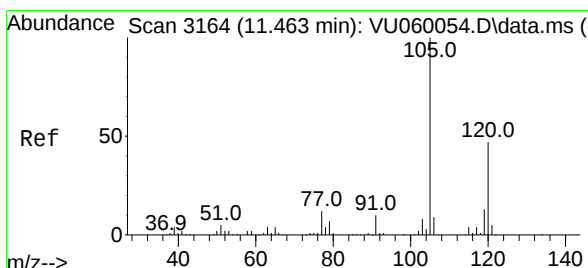
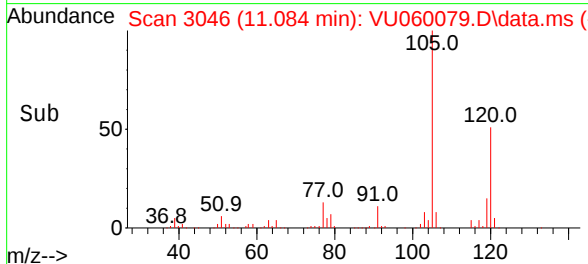
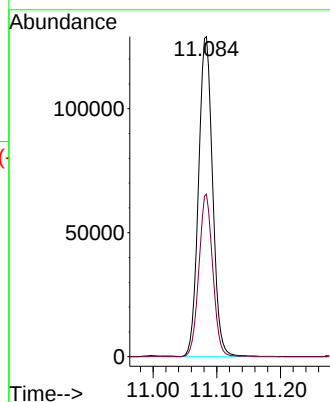
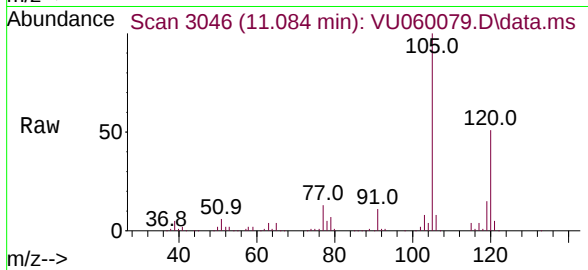




#62
1,3,5-Trimethylbenzene
Concen: 5.907 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

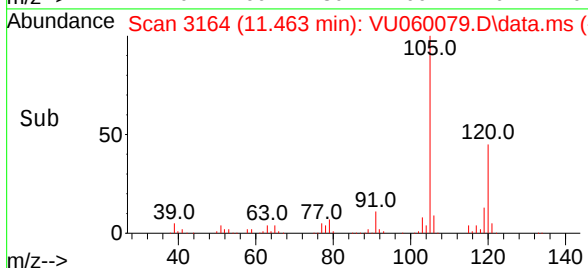
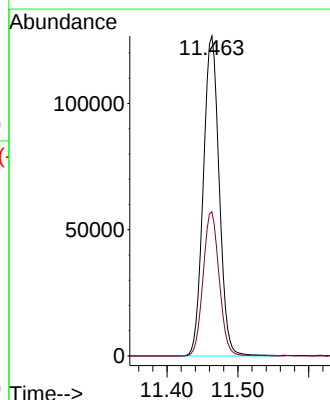
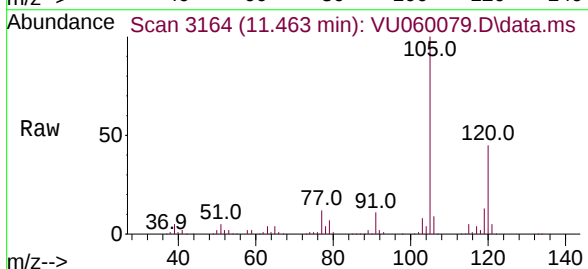
Instrument :
MSVOA_U
ClientSampleId :

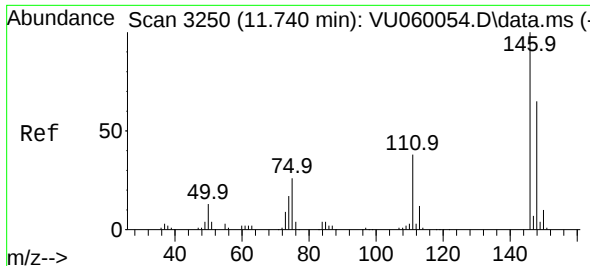
Tgt Ion:105 Resp: 198839
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 6.079 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

Tgt Ion:105 Resp: 197730
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.862 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

ClientSampleId :

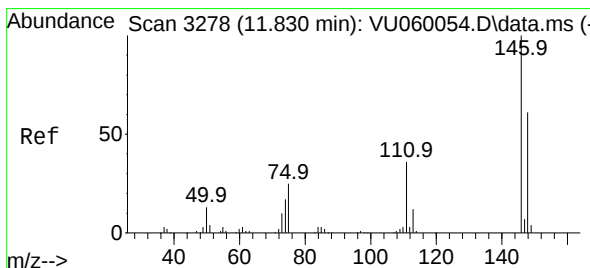
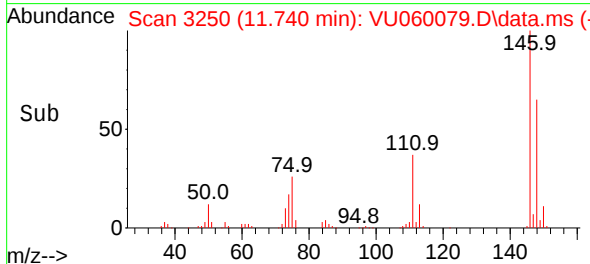
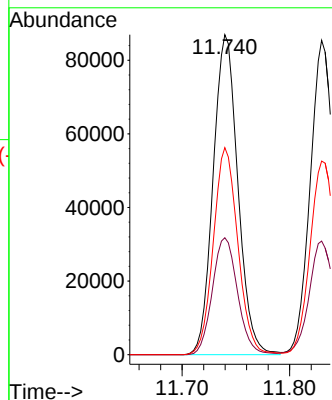
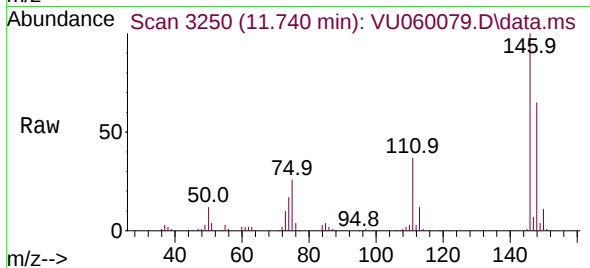
Tgt Ion:146 Resp: 138970

Ion Ratio Lower Upper

146 100

111 36.6 27.2 50.4

148 64.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 5.652 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

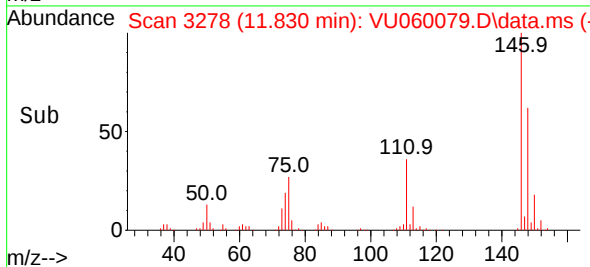
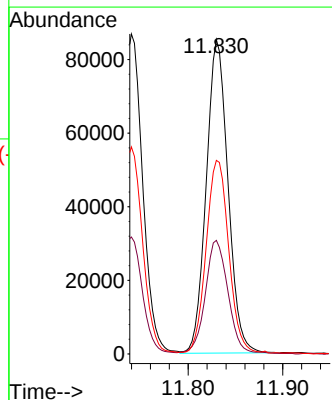
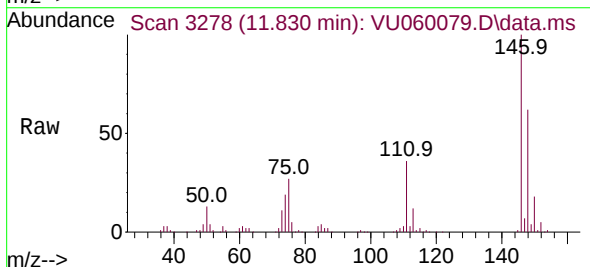
Tgt Ion:146 Resp: 136401

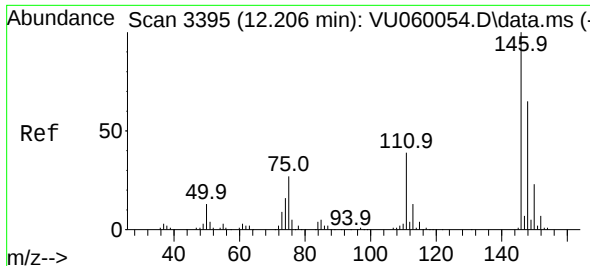
Ion Ratio Lower Upper

146 100

111 36.1 26.5 49.1

148 61.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.691 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

ClientSampleId :

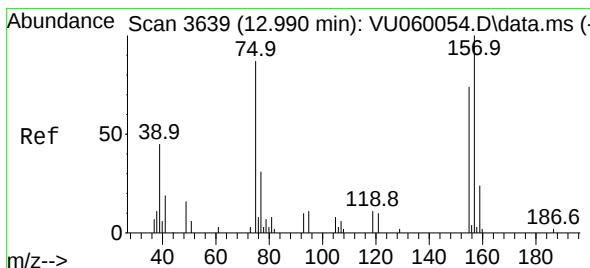
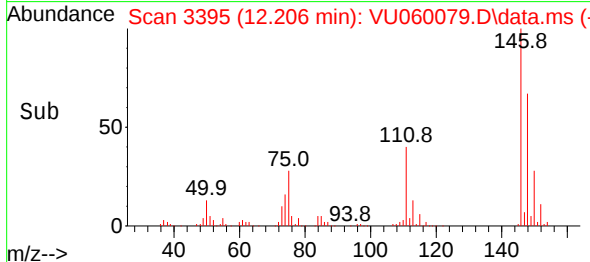
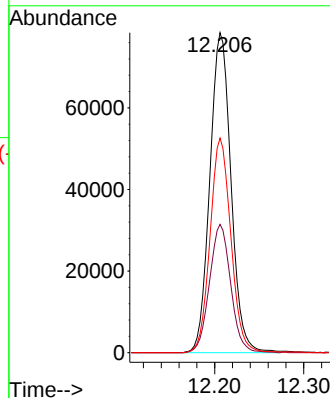
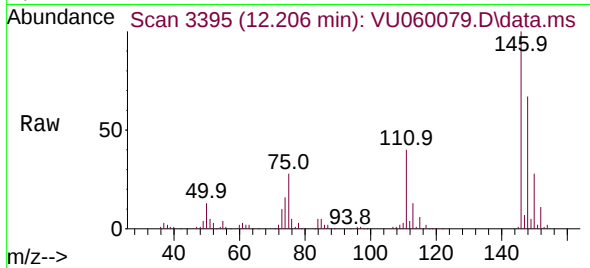
Tgt Ion:146 Resp: 129132

Ion Ratio Lower Upper

146 100

111 40.1 30.9 46.3

148 67.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.900 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

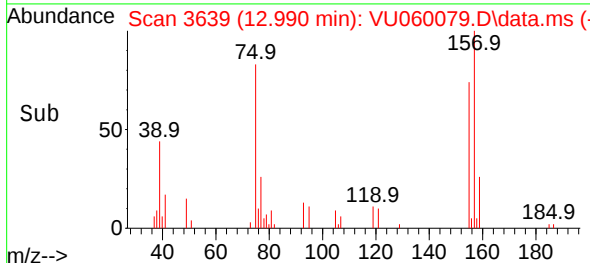
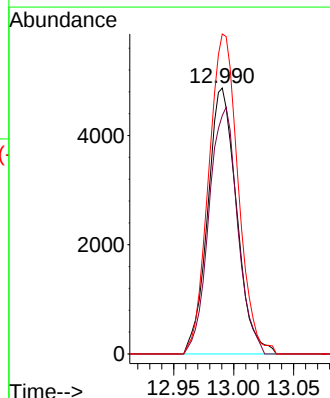
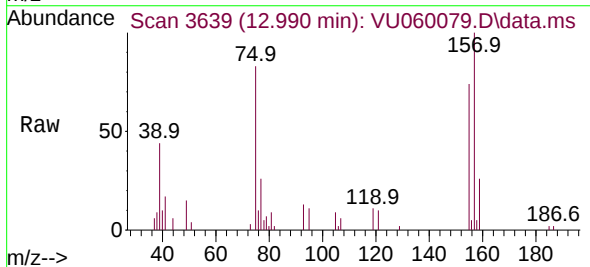
Tgt Ion: 75 Resp: 8166

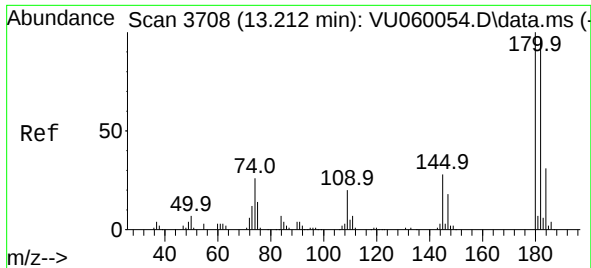
Ion Ratio Lower Upper

75 100

155 89.6 70.6 105.8

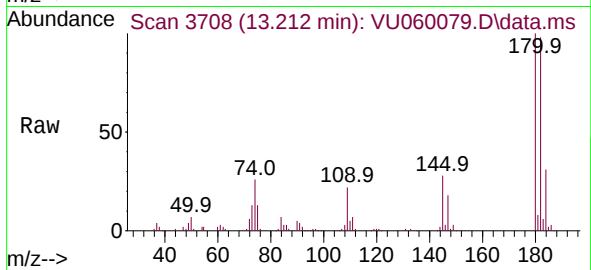
157 120.4 99.4 149.2



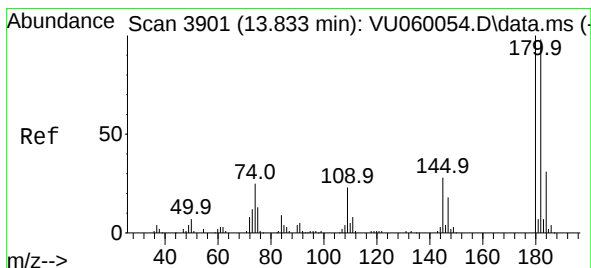
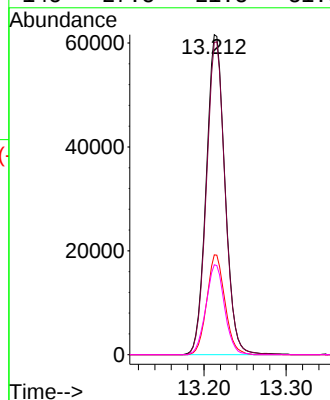
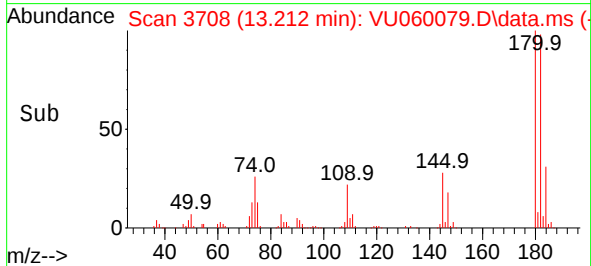


#69
1,3,5-Trichlorobenzene
Concen: 5.459 ug/L
RT: 13.212 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41

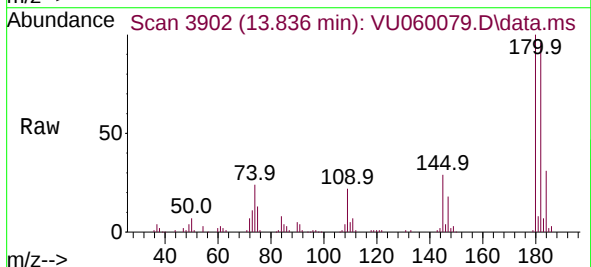
Instrument :
MSVOA_U
ClientSampleId :



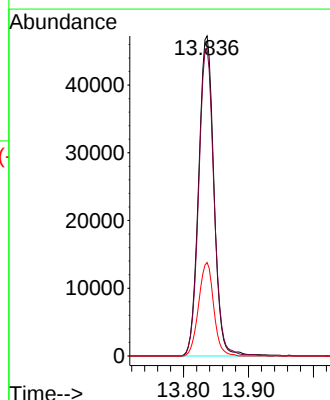
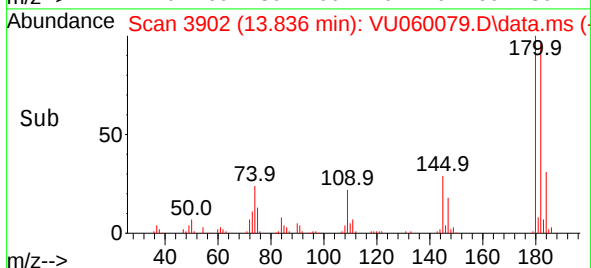
Tgt Ion:180 Resp: 97668
Ion Ratio Lower Upper
180 100
182 97.0 74.6 111.8
184 30.1 23.1 34.7
145 27.8 21.3 31.9

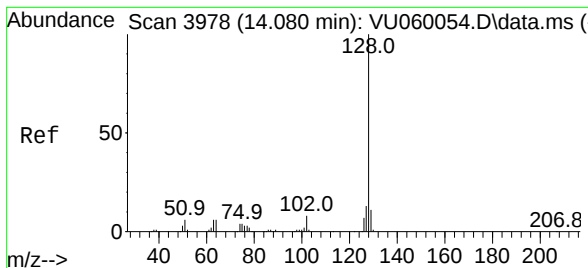


#70
1,2,4-trichlorobenzene
Concen: 5.674 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU060079.D
Acq: 19 Jul 2024 22:41



Tgt Ion:180 Resp: 77257
Ion Ratio Lower Upper
180 100
182 96.5 77.2 115.8
145 28.9 23.0 34.4





#71

Naphthalene

Concen: 5.617 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Instrument :

MSVOA_U

ClientSampleId :

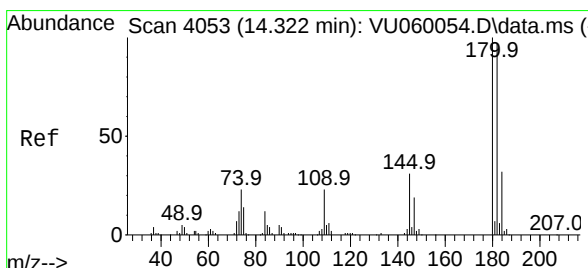
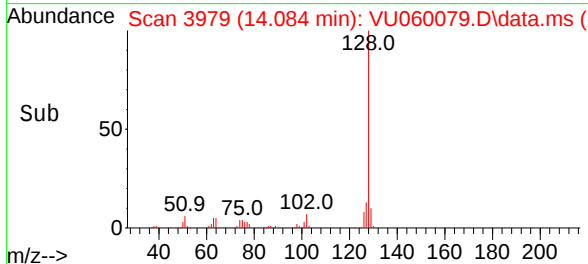
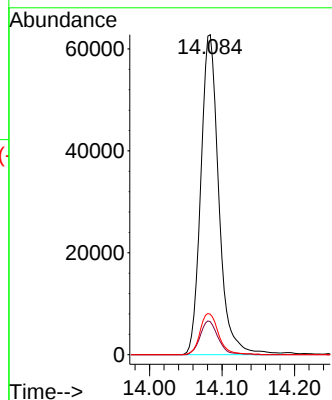
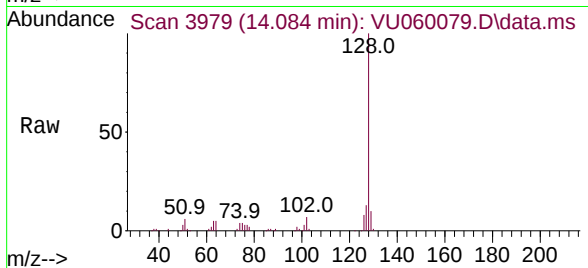
Tgt Ion:128 Resp: 108357

Ion Ratio Lower Upper

128 100

129 10.4 8.2 12.4

127 13.3 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.846 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060079.D

Acq: 19 Jul 2024 22:41

Tgt Ion:180 Resp: 71593

Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

145 30.9 23.9 35.9

